

# Annual Report 2022-23

## Executive Summary

The Get Skilled, Get a Job, Give Back (G3) program offers tuition assistance to Virginia residents who qualify for in-state financial aid, have a family income below an identified threshold, and are enrolled in an education program at an associate degree-granting public institution of higher education that leads to an occupation in a high-demand field. G3 can be used for designated programs in five of Virginia's most in-demand industries: Early Childhood Education, Healthcare, Information Technology, Public Safety, and Manufacturing and Skilled Trades. Virginia's Community Colleges received \$34.5 million for the 2022-23 academic year to be awarded to qualified students who enrolled in approved degree/certificate and non-credit workforce training programs and who met the eligibility requirements.

### Highlights of the 2022-23 Academic Year

- 12,594 VCCS (Virginia Community College System) students received over \$20.5 million in G3 tuition assistance.
- 69% (8,772) of the G3 students enrolled in credit programs that lead to a postsecondary degree or certificate, while 31% (3,904) were enrolled in noncredit Workforce Credential Grant (WCG) programs that lead to a third-party licensure or certification. 82 students enrolled in both credit and WCG programs during the year.
- 1,068 associate degree and certificate programs and 820 noncredit WCG programs across all 23 community colleges were approved as G3 eligible.
- 48% of the enrollments were in healthcare programs; 23% in information technology; 21% in manufacturing and skilled trades; and 4% in both early childhood and public safety.
- 54% of G3 students had family income levels below 200% of the Federal Poverty Level (FPL). Students with family income levels up to 400% of the FPL may be eligible for the program.
- 84% of G3 students enrolled during Fall 2022 also enrolled in the spring semester or graduated during the year.
- 75% of G3 students enrolled during AY2022 reenrolled the following year or graduated.
- 2,016 G3 students earned 2,799 associate degrees, certificates, and diplomas.
- 2,543 G3 WCG students completed 3,177 WCG programs, and 1,599 earned 1,996 credentials.
- Nearly three-quarters (73%) of G3 program completions in 2021-22 were in either healthcare or manufacturing and skilled trades.
- The median wage of AY 2022 G3 academic program completers increased by 95% from pre-enrollment to post-completion -- more than \$11,000 higher than that of students who left their program before completing.

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## G3 Purpose and Creation

During the 2021 session, the Virginia General Assembly and Governor established the Get Skilled, Get a Job, Give Back Fund and Program. Rebranded as G3, this fund provides tuition assistance for Virginia residents who qualify for in-state financial aid, have family income below an identified threshold, and are enrolled in an educational program at an associate degree-granting public institution of higher education that leads to an occupation in a high-demand industry. G3 can be used for designated programs in five of Virginia's most in-demand industries: Early Childhood Education, Healthcare, Information Technology, Public Safety, and Manufacturing and Skilled Trades. A summary of the major components of the program is included below.

The purpose of this report is to provide a review of FY (Fiscal Year) 2023 activities and outcomes of the G3 program to the Governor and the Chairmen of the House Committee on Appropriations, the Senate Committee on Finance and Appropriations, the House Committee on Education, and the Senate Committee on Education and Health as outlined in § 23.1-2911.2 of the Code of Virginia.

## What is G3?

G3 is a tuition assistance program for any Virginia resident who qualifies for federal or state financial aid and whose family income falls below an identified threshold and is enrolled in a G3 approved program at one of Virginia's Community Colleges. G3 approved programs lead to in-demand jobs in five Virginia industries: Early Childhood Education, Healthcare, Information Technology, Public Safety, and Manufacturing and Skilled Trades. Each of Virginia's 23 community colleges has a list of approved G3 programs, and the program offerings vary from college to college to match the regional business needs.

Many approved G3 programs lead to "stackable" pathways, which means that working adults can start with skills training that leads to a credential or certificate that has immediate value in the job market. When ready to gain additional skills or knowledge, G3 students can continue to "stack" additional certificates on a pathway to towards completing an associate degree.

## What programs are approved for G3 financial assistance?

G3 financial assistance can be used for designated programs in five of Virginia's most in-demand industries: Early Childhood Education, Healthcare, Information Technology, Public Safety, and Manufacturing and Skilled Trades.

The State Board for Community Colleges (SBCC) established a process for reviewing and approving G3-eligible programs at each community college. Based on the list of eligible CIP (Classification of Instructional Programs) codes (<https://budget.lis.virginia.gov/amendment/2020/1/HB30/Introduced/CR/221/2c/>), colleges submit program proposals to the SBCC for "stackable" routes that connect noncredit Workforce Credential Grant (WCG) credentials with career studies certificates and associate degree programs. The SBCC reviews and approves these new G3 eligible programs during each bi-monthly meeting. During the 2022-23 academic year, 1,068 associate degree and certificate programs and 820 noncredit WCG programs across all

23 community colleges were approved as G3 eligible. A full list of approved G3 programs is available in Appendix 1.

## How does G3 tuition assistance work?

G3 is a “last dollar” assistance program that makes up the difference after other federal or state grant aid to pay for the cost of tuition, mandatory fees, and books for students in associate and certificate degree programs. Low-income students who qualify for full Federal Pell Grants and enroll full-time (12 or more credit hours) may receive additional assistance. This Student Success Initiative Grant (SSIG) is intended to help offset costs outside of the classroom so students can focus on school without worrying about other expenses.

Eligible students in certain Workforce Credential Grant (WCG) noncredit programs may also qualify for G3 funds to cover the first-third of the cost of their program. When students complete their training programs and earn credentials, colleges can be reimbursed for an additional two-thirds of the program costs through the WCG program.

During the 2022-23 academic year, Virginia’s Community Colleges received \$34.5 million in G3 financial aid dollars to be awarded to qualified students. Of this, \$30.5 million was allocated to colleges for students in associate degree and certificate programs and \$2 million was allocated for students in noncredit WCG programs. A portion of the fund was set aside for students attending Richard Bland College in approved programs. Colleges could move funding within credit and non-credit categories. Approximately \$20.6 million in G3 tuition assistance was disbursed to 12,594 eligible VCCS students during the 2022-23 academic year.

Approximately 81% (\$16.6 million) of G3 tuition assistance went to 8,772 students in associate degree and certificate academic programs. Of this amount, approximately \$13.2 million covered the “last dollar” amounts for tuition, mandatory fees, and book stipends for 5,784 eligible students. The remaining 21% (\$3.4 million) went to SSIG for 2,998 full-time, low-income students. SSIG awards were broken into two payments – one in the early part of the semester and one at the end of the semester – as an incentive for students to remain enrolled full-time throughout the semester.

To be eligible for G3 funds, students were required to apply for Federal Title IV financial aid grants and other state financial aid grants to cover the cost of attendance first. Students received nearly \$23 million in Federal Pell and other grants, as well as over \$6 million in other state grants.

The remaining 19% (\$4.0 million) of G3 funds went to 3,904 low- and middle-income WCG students to offset their first-third costs of tuition.

## Who is eligible for G3?

Virginia residents who are enrolled in eligible G3 programs must meet the following requirements to qualify for G3 tuition assistance:

- Qualify for in-state financial aid by completing the FAFSA (Free Application for Federal Student Aid) or Financial Aid for Noncredit Training leading to Industry Credentials (FANTIC application).

- Have a total household income of less than or equal to 400% of the Federal Poverty Level (Approximately \$104,000 for a family of four)
- Enroll for a minimum of six credit hours at one of the 23 community colleges or be enrolled in an eligible WCG program

Students who continue in the same G3 educational programs and maintain satisfactory academic progress may receive funding for up to three years to complete an associate degree.

## Who is receiving G3 financial assistance?

Nearly 12,600 Virginia's Community College students received nearly \$20.6 million in G3 tuition assistance in 2022-23. Approximately 69% of the G3 recipients enrolled in credit programs that lead to a postsecondary degree or certificate, while the remaining 31% enrolled in noncredit WCG programs. The demographics below describe the diverse characteristics of academic credit students and WCG noncredit students.

### Associates/Certificate Credit Students

In the 2022-23 academic year, women accounted for three out of every five students receiving G3 aid for credit programs, and this ratio was about the same for both last dollar and SSIG awards. Women in academic credit programs also received about 60% of the G3 award dollars.

Students who had previously attended VCCS colleges accounted for 74% of G3 credit recipients in the academic year 2022-23. Just a quarter (2,300) G3 recipients were new to Virginia's Community Colleges.

The race/ethnicity composition of G3 credit students was like the general student population of Virginia's Community Colleges. As shown in Figure 1, 24% of G3 credit students identified as Black/African American; 12% identified as Hispanic/Latino; and 6% as Asian. White students comprised 51% of recipients.

Black/African American students were slightly overrepresented among G3 students when compared to their proportion of the overall student population (18%).

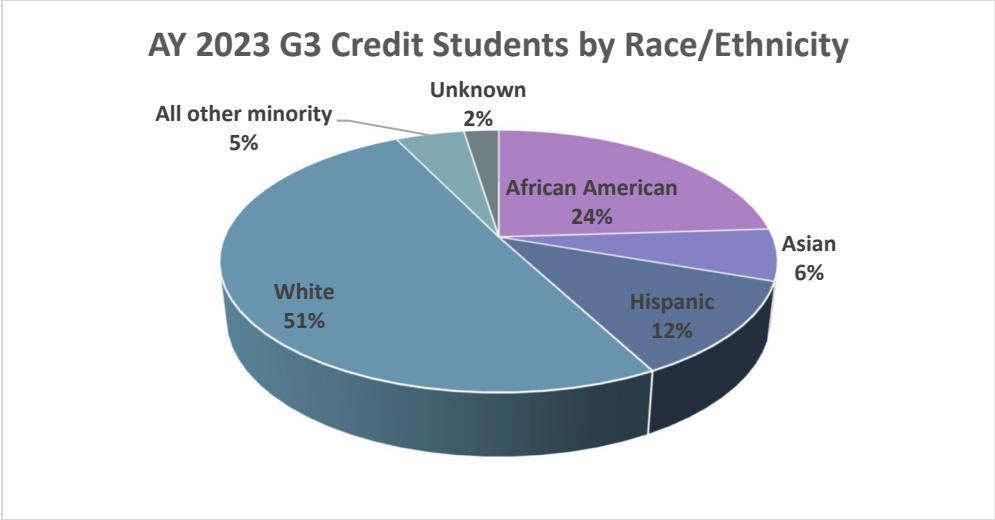


FIGURE 1 G3 CREDIT STUDENTS BY RACE/ETHNICITY

G3 academic credit students were older than the overall VCCS regular student population. Nearly half (49%) of the G3 students were working age (age 25+), compared to 34% in the regular population, which excludes dual enrolled students. As shown in Figure 2, 30% of G3 credit students were between the ages of 25 and 34, and 19% were over the age of 34.

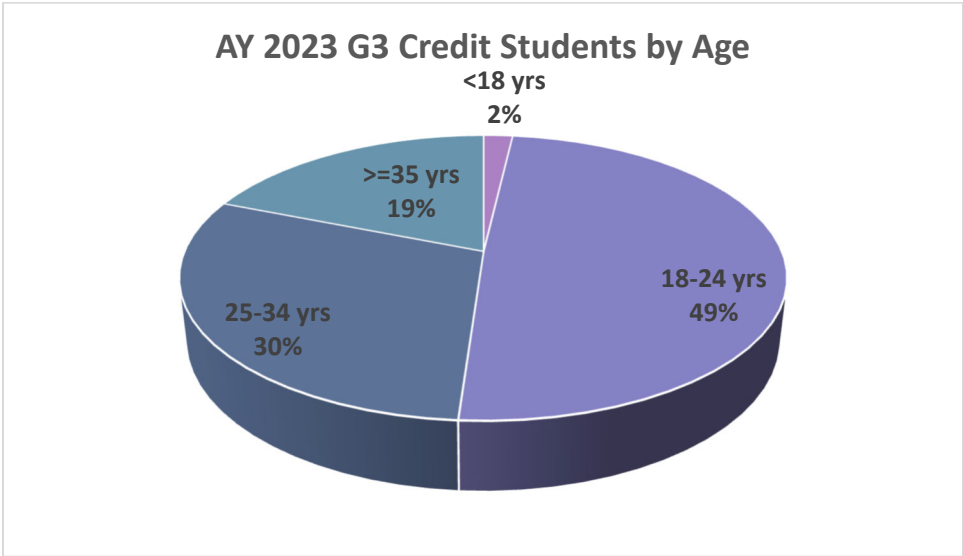


FIGURE 2. G3 CREDIT STUDENTS BY AGE

Workforce Credential Grant (WCG) Noncredit Students

The gender composition of noncredit G3 students was like that of academic credit students, as approximately three out of every five (62%) G3 WCG students were women in 2022-23. These women received a proportionate amount of the G3 funds disbursed to noncredit WCG students (59%).



Noncredit G3 recipients were more diverse than the general community college population and academic credit G3 recipients. As shown in Figure 3, the number of Black/African American WCG students receiving G3 aid exceeded the number of White students (43% vs. 32%). Black/African American WCG students received over \$1.6 million towards the cost of tuition in WCG programs during 2022-23. Hispanic/Latino and Asian students represented a smaller proportion of G3 recipients for WCG than G3 credit students. WCG students are not required to provide racial/ethnic demographic data, accounting for a larger proportion of students with unknown race.

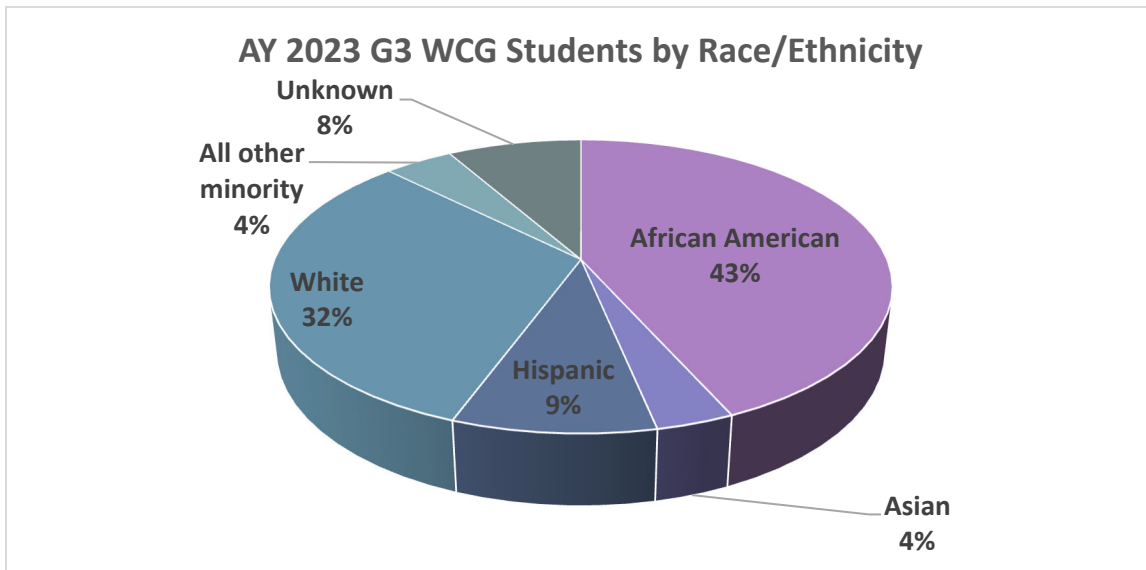


FIGURE 3. G3 WCG STUDENTS BY RACE/ETHNICITY

WCG programs are designed to provide rapid entry into the workforce, particularly for adults. WCG programs have a higher percentage of students over age 24 than the general community college population or the academic credit G3 recipients. As shown in Figure 4, adults over age 24 accounted for 67% of the G3 WCG students. More than 1,300 adults over age 35 received nearly \$1.4 million in G3 aid.

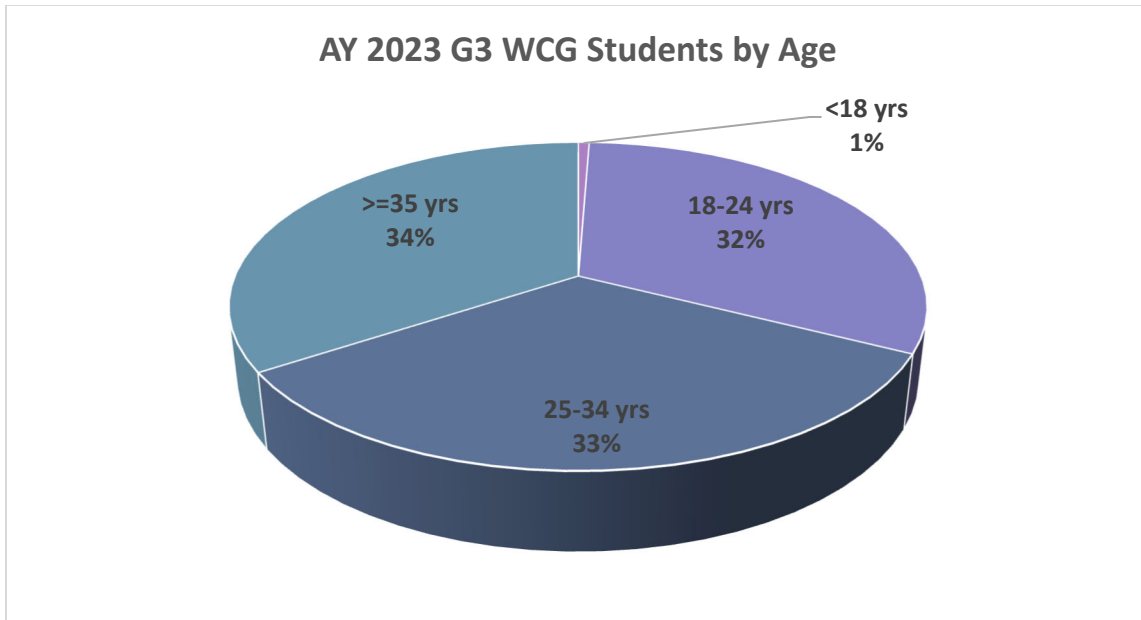


FIGURE 4. G3 WCG STUDENTS BY AGE

The balance of this report summarizes at the system level the data required in § 23.1-2911.2 of the Code of Virginia. This includes data from the previous fiscal year on student participation in and completion of the G3 Program, including (i) data on student enrollment, retention rates between academic terms and years, and student wages, including median wages prior to enrollment and one year after completion of a credential or degree and wage rates of students who have not enrolled in over a year and did not complete a credential, as well as (ii) a comparison of job demand and completion rates. Such data shall be disaggregated by the program of study and student income level at the start of participation in the G3 program.

## Enrollments

In the 2022-23 academic year, 12,594 VCCS students received financial assistance through the G3 program to enroll in academic and workforce programs leading to high-demand occupations in the Commonwealth. As shown in Figure 5, approximately 69% (8,772) of the G3 students were enrolled in credit programs that lead to a postsecondary degree or certificate, while the remaining 31% were enrolled in noncredit Workforce Credential Grant (WCG) programs that lead to a third-party licensure or certification. A small number of G3 students (82) enrolled in both credit and noncredit programs. G3 student enrollments by college are shown in Appendix 2.

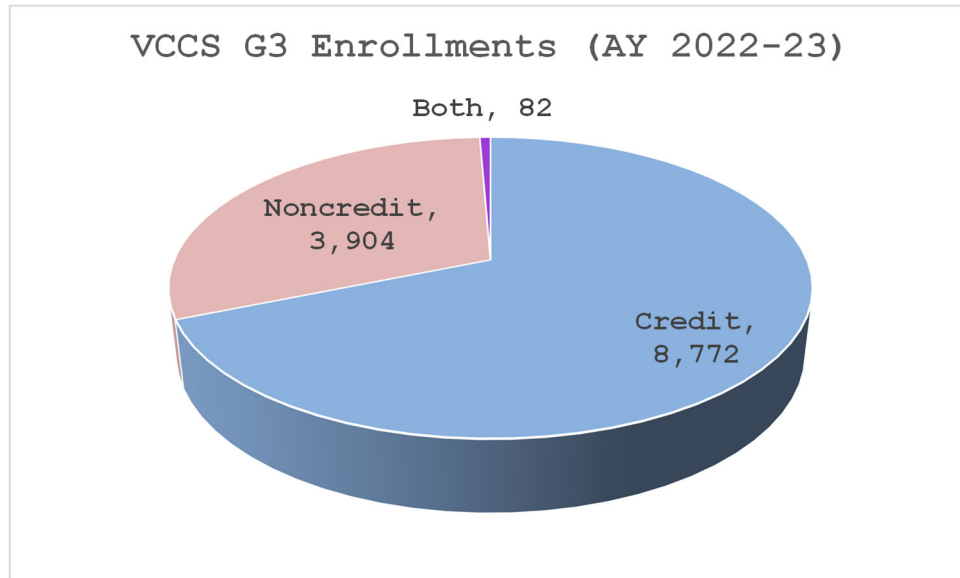


FIGURE 5. TOTAL G3 STUDENTS

A small proportion of G3 students enrolled in more than one academic or workforce program. While there were 8,772 distinct credit students, there were 8,887 G3 program enrollments. Some students enrolled in more than one G3 program during the year either because they completed one program and then enrolled in a different program the following semester, or because the student chose a different major the following semester. Due to the short-term nature of most workforce programs, a higher number of noncredit students enrolled in more than one G3 program. Of the 3,904 noncredit students, there were 4,216 WCG program enrollments during the year.

### Enrollment by Programs of Study

The General Assembly identified five high-demand areas of study to address the Commonwealth’s workforce needs through the G3 program. These areas are:

- Healthcare
- Information Technology
- Early Childhood Education
- Manufacturing and Skilled Trades
- Public Safety

Table 1 shows G3 enrollments in each of these areas. Half (47%) of the enrollments were in healthcare programs. Manufacturing and skilled trades (23%) was the second most popular area of study for G3 students, followed closely by information technology (22%). Early childhood education and public safety each accounted for 4% of G3 enrollments. Appendix 3 lists enrollments in all programs of study at each of Virginia’s community colleges.

TABLE 1. G3 PROGRAM ENROLLMENTS

| AY 2022-23 G3 Student Enrollments by Area of Study |              |              |               |             |
|--|--------------|--------------|---------------|-------------|
| Program Area                                       | Credit       | Noncredit    | Total         | %           |
| Health Care  | 3,974        | 2,275        | 6,249         | 48%         |
| Information Technology                             | 2,325        | 656          | 2,981         | 23%         |
| Manufacturing & Skilled Trades                     | 1,527        | 1,266        | 2,793         | 21%         |
| Early Childhood Development                        | 569          | .            | 569           | 4%          |
| Public Safety                                      | 492          | 19           | 511           | 4%          |
| <b>Total</b>                                       | <b>8,887</b> | <b>4,216</b> | <b>13,103</b> | <b>100%</b> |

### Enrollment by Income Levels

The G3 program was designed to cover the cost of education for low- and middle-income students. As such, students must have a family income of less than or equal to 400% of the federal poverty level (FPL) to be eligible for the program. For example, a family of four with an income of \$104,000 would be right at the 400% FPL threshold.

Family income of G3 students enrolled in credit programs is collected from the Free Application for Federal Student Aid (FAFSA). While the same income threshold applies to noncredit G3 students, they do not submit a FAFSA, so disaggregation of enrollments by income level is not available for them.

As shown in Figure 6, among G3 credit students, 29% had income below the federal poverty level, and more than half (54%) were below 200% FPL. Only about one in five students had income above 300% FPL. Appendix 4 lists G3 student enrollments by income level for each of the colleges.

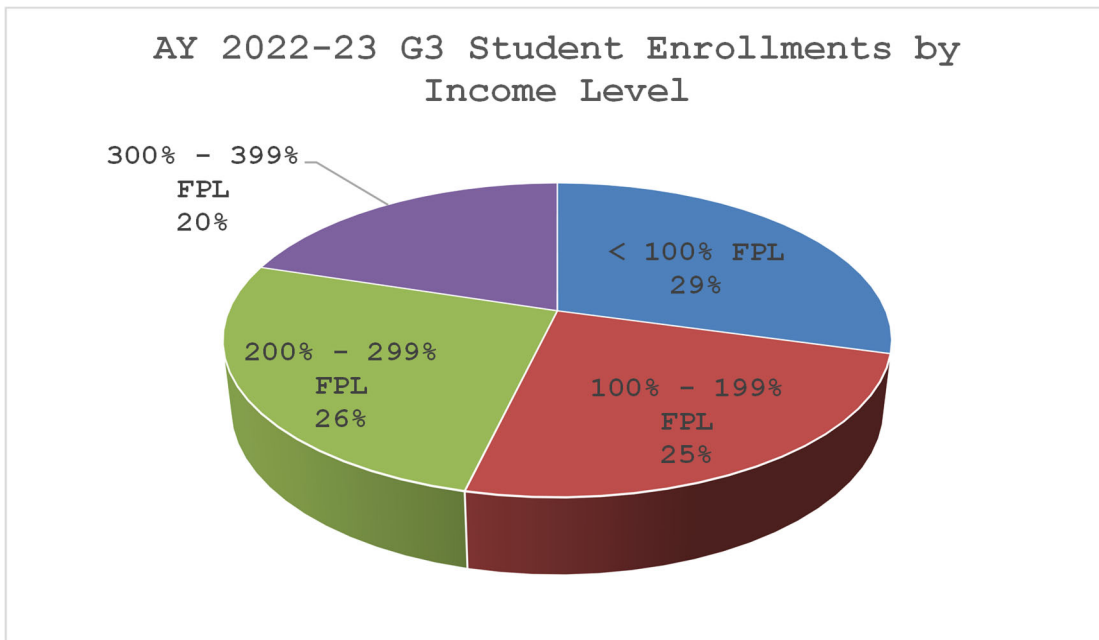


FIGURE 6. G3 ENROLLMENT BY INCOME LEVELS

## Completions

The success of the G3 program may be best captured by the number of students receiving G3 financial assistance who complete their training to help the Commonwealth meet its workforce needs. The G3 program, which covers the cost of education for low- and middle-income students in high-need programs, enables many students to enroll in Virginia’s community colleges and should increase participation in such programs, which should then increase the number of graduates and credential earners to help fill the Commonwealth’s workforce needs in high-demand areas. As 2022-23 was just the second year of the G3 program, it is expected that the completion rate will increase in subsequent years.

Table 2 shows the total G3 awards earned by degree type. In AY 2022-23, students receiving G3 financial assistance earned 2,799 postsecondary degrees and certificates. Furthermore, there were 3,177 noncredit G3 successful coursework completions and 1,996 third-party licensures or workforce credentials earned during the 2022-23 fiscal year. The table below shows awards earned by degree type, workforce course completions and credentials. Appendix 5 shows awards earned by G3 students for each college. [\[00\]](#)

TABLE 2. TOTAL G3 AWARDS EARNED

| VCCS G3 Awards and Completions (AY 2022-23) |                                  |        |
|---|----------------------------------|--------|
|   |                                  | Awards |
| <b>Credit Programs</b>                      | <b>Assoc. of Applied Science</b> | 1,125  |
|   | <b>Certificate (1-2 years)</b>   | 257    |
|   | <b>Certificate (&lt;1 year)</b>  | 1,358  |
|   | <b>Diploma</b>                   | 59     |
|   | <b>Sub-total</b>                 | 2,799  |
| <b>WCG Noncredit Programs</b>               | <b>Third-Party Credential</b>    | 1,996  |
|   | <b>WCG Course Completions</b>    | 3,177  |
|   | <b>Sub-total</b>                 | 5,173  |
| <b>Total</b>                                |                                  | 7,972  |

Given that this was only the program's second year, and that G3 programs are intended to be "stackable," allowing students to earn multiple certificates on their way to an associate degree, it is not surprising that short-term certificates (i.e., certificates of less than one year), made up nearly half of the credit awards earned throughout the year. In fact, many G3 students earned more than one award during the year. The 2,799 credit awards were earned by 2,016 distinct graduates. Similarly, many of the noncredit G3 students completed more than one WCG course, as the 3,177 completions were represented by 2,543 distinct students, and the 1,996 credentials were earned by 1,599 distinct students.

### Completion by Program of Study

G3 program completions in 2022-23 were dominated by two areas of study: healthcare and manufacturing and skilled trades. Table 3 shows that these two broad areas of study accounted for 73% of all G3 program completions, which was slightly higher than the proportion of program enrollments shown in the previous table. Information technology programs represented 20% of all completions. Early childhood education and

public safety accounted for only 7% of the total. Appendix 6 lists individual program completions at each college.

TABLE 3. TOTAL G3 COMPLETIONS BY AREA OF STUDY

| AY 2022-23 G3 Program Completions by Area of Study |              |              |              |             |
|--|--------------|--------------|--------------|-------------|
| Program Area                                       | Credit       | Noncredit    | Total        | %           |
| Health Care  | 959          | 1245         | 2,204        | 38%         |
| Manufacturing & Skilled                            | 818          | 1260         | 2,078        | 35%         |
| Information Technology                             | 593          | 561          | 1,154        | 20%         |
| Early Childhood                                    | 295          | 0            | 295          | 5%          |
| Public Safety                                      | 134          | 7            | 141          | 2%          |
| <b>Total</b>                                       | <b>2,799</b> | <b>3,073</b> | <b>5,872</b> | <b>100%</b> |

### Completions by Income Level

The income level allocation of G3 completers is like that of G3 students. As shown in Figure 7, of the 2,016 unique graduates in academic credit programs, 29% (548) of the completers had a family income below the poverty level, and more than half were below 200% FPL. The proportions of completers by income group mirrors that of enrollments by income group, indicating that financial assistance was successful in enabling low-income students to succeed at the same rate as middle-income students. Appendix 7 lists G3 completers by income level for each college.

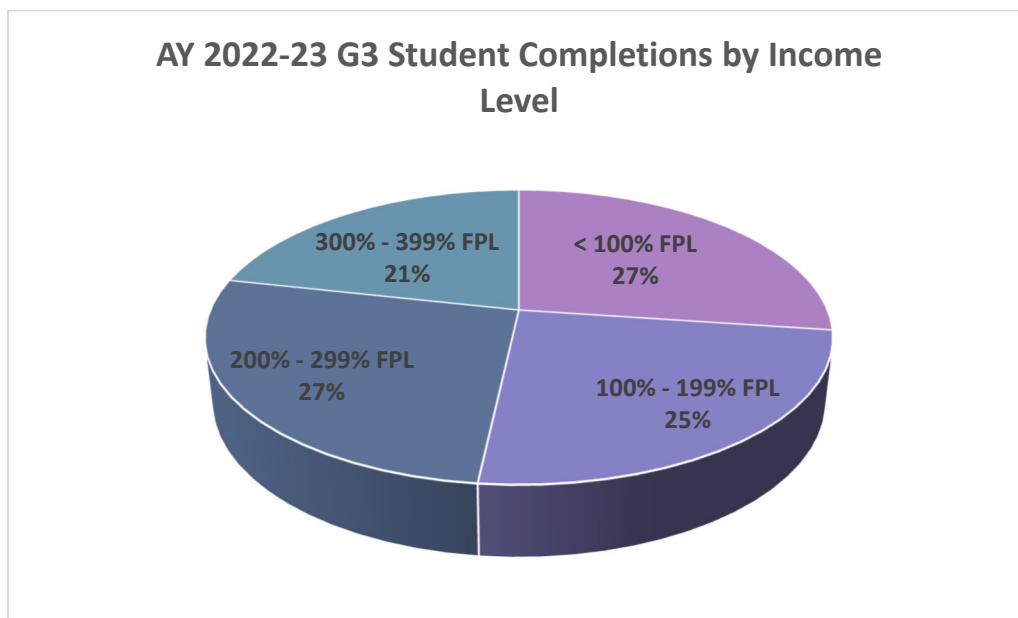


FIGURE 7. G3 COMPLETIONS BY INCOME

# Student Retention

For the G3 program to be successful in helping the Commonwealth meet its workforce needs, it is important that students who receive financial assistance through the program remain in school until they complete their chosen program and acquire the required job skills. Most academic programs at Virginia’s Community Colleges require more than 15 credit hours (i.e., one semester or term) to complete, so retention from term to term, and year to year, is a vital measure for determining eventual completions and overall success of the G3 program.

Both term retention and annual retention are reported per the guidelines in the enabling language for the G3 program. Term retention is measured in this report by the percentage of fall term G3 recipients enrolled in the following spring term or completed their program during the academic year. Annual retention is measured by the percentage of G3 students enrolled during the previous academic year who were either enrolled in the following academic year or completed their program during either year. Since the purpose of the program is completion, adding program completers in the retention measure ensures that students who left the program because they finished their coursework does not lower the retention measure and diminish the program's perceived success. Term retention measures the success of fall 2022 G3 students, whereas annual retention measures the success of all 2021-22 academic year G3 students.

Since noncredit workforce programs are short-term and do not operate on a semester schedule, term retention and annual retention measures do not apply to these programs. Therefore, the above measures exclude noncredit G3 students from the retention analysis. Better indicators of the success in noncredit workforce programs are the ratio of completers to enrollees and credential earners to completers within the fiscal year.

Table 4 shows that the fall-to-spring retention of G3 academic credit students was 84%, based on a fall 2022 cohort of 6,022 students. 5,029 students also enrolled in the spring semester or graduated during the year.

**TABLE 4. G3 FALL-TO-SPRING RETENTION**

| <b>G3 Term Retention (Fall 2022 – Spring 2023)</b> |       |
|--|-------|
| Fall 2022 Cohort                                   | 6,022 |
| Enrolled Spring 2023                               | 4,760 |
| Graduated (did not enroll Spring)                  | 269   |
| % Graduated or Retained                            | 84%   |

Table 5 shows that the annual retention of G3 academic credit students was 75%, based on the cohort of 8,274 G3 students enrolled in academic year 2021-22. 6,204 students also enrolled in AY 2022-23 or graduated during 2022-22 or 2022-23.

TABLE 5. G3 ANNUAL RETENTION

| <b>G3 Annual Retention (AY 2021-22 – AY 2022-23)</b> |       |
|--|-------|
| AY 2021-22 G3 Students                               | 8,274 |
| Enrolled AY 2022-23                                  | 4,994 |
| Graduated (did not enroll Spring)                    | 1,210 |
| % Graduated or Retained                              | 75%   |

### Retention by Area of Study

Figure 8 illustrates that there were only slight differences in the term retention rate across the broad G3 areas of study. Manufacturing and skilled trades had the highest retention rate at 85%, while early childhood development had the lowest rate at 81%.

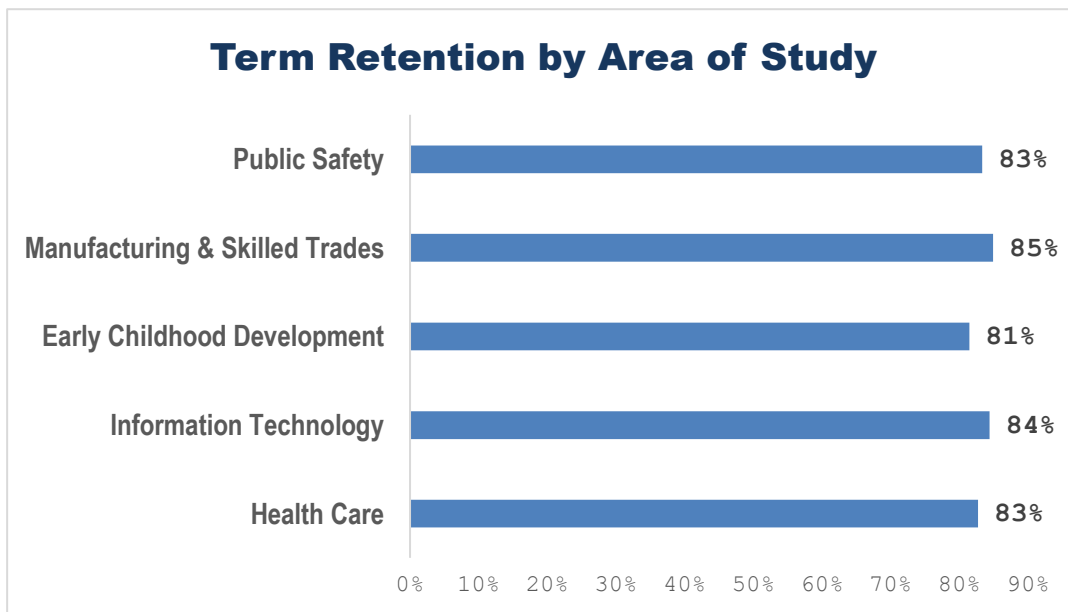
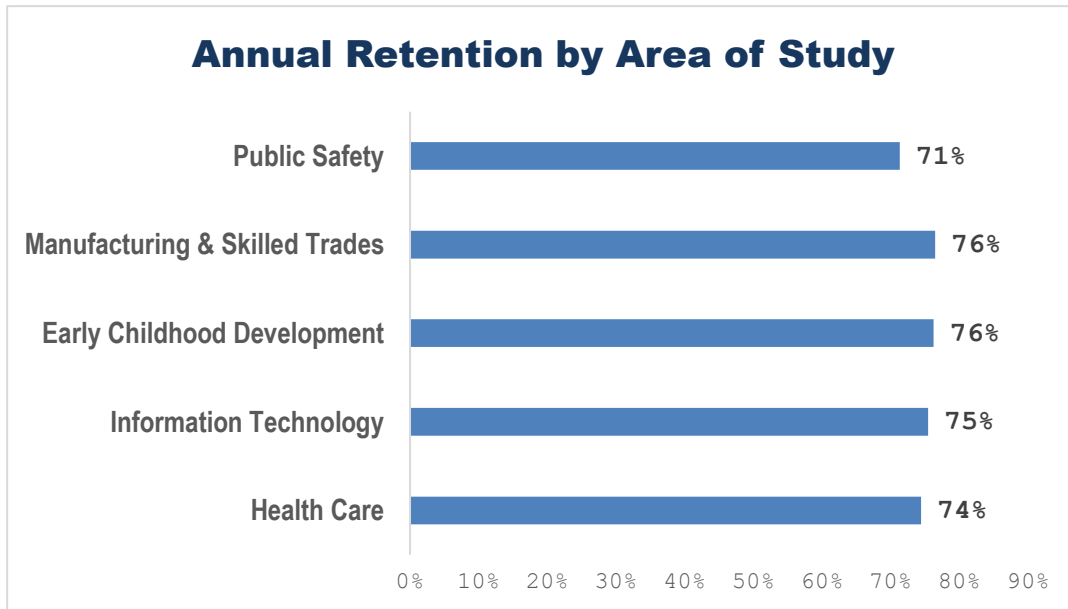


FIGURE 8. TERM RETENTION BY AREA OF STUDY

Like term retention, there were only slight differences in the annual retention rate across the broad G3 areas of study, as shown in Figure 9. Manufacturing and skilled trades had the highest annual retention rate at 76%, while public safety had the lowest rate at 71%. Appendix 8 lists term and annual retention rates by area of study at each of Virginia’s community colleges.

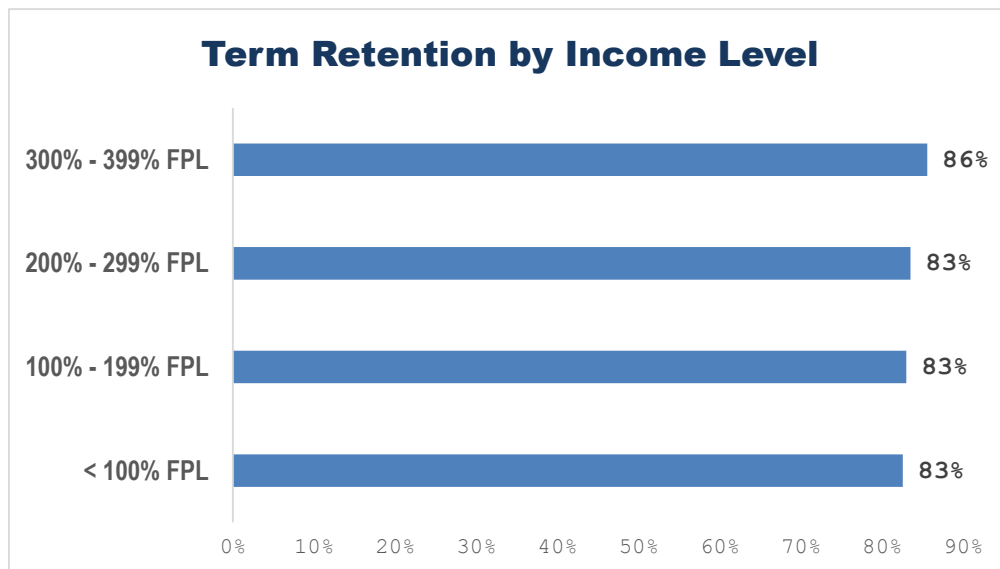




**FIGURE 9 ANNUAL RETENTION BY AREA OF STUDY**

### Retention by Income Level

Very slight variations in both term and annual retention rates existed across family income categories, as shown in Figure 10 and Figure 11. As expected, students at the highest income level (i.e., just below the threshold) had slightly higher retention rates than students at the lower income levels, but the difference was only about 3%. Appendix 9 lists term and annual retention by income level at each institution.



**FIGURE 10. G3 TERM RETENTION BY INCOME**

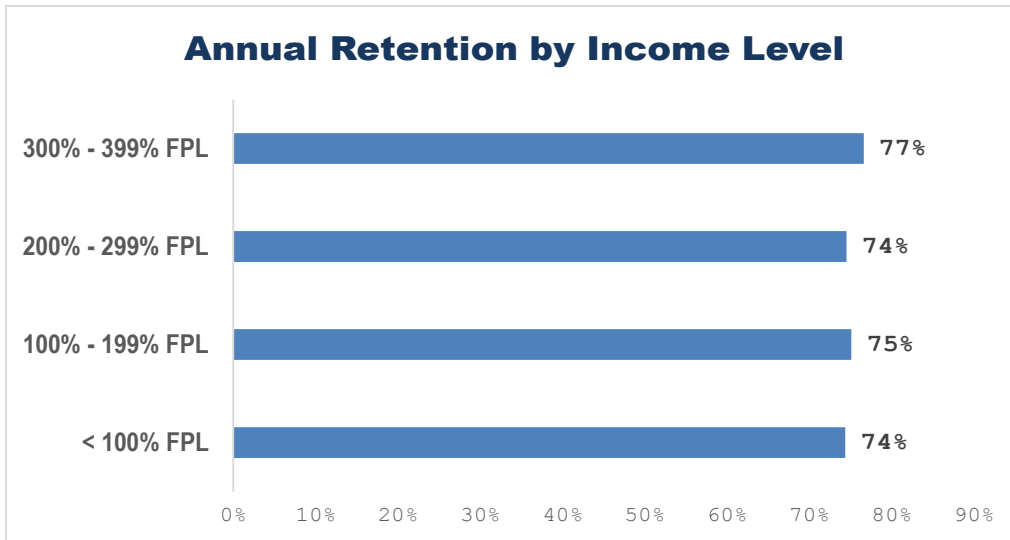


FIGURE 11. G3 ANNUAL RETENTION BY INCOME

## Student Wages of Completers and Non-Completers

The G3 program's main purpose is to provide financial assistance to low- and middle-income students enrolled in fields of study that lead to occupations in high-demand fields. Wages earned by successful completers of these programs are good indicators of whether these students are finding good paying jobs in these fields. Thus, the G3 program enabling legislation requires institutions to annually report on “student wages, including median wages prior to enrollment and one year after completion of a credential or degree and wage rates of students who have not enrolled in over a year and did not complete a credential.” By comparing pre- and post-wages of completers and non-completers, the financial value of the program for students and the Commonwealth may be observed.

Median wages of the two student cohorts were obtained from the unemployment insurance (UI) wage files administered by the Virginia Employment Commission (VEC), which produces such files quarterly. However, due to the lag in collecting and reporting quarterly wages, it is not currently possible to report median wages “one year after completion of a credential or degree” for G3 completers and non-completers during the 2021-22 academic year. Therefore, this report shows median wages six months after completion rather than one year after completion. Beginning in 2024, the annual G3 report will show median wages one year after completion for the previous year’s cohort, as well as six months after completion for the most recent student cohort.

Pre-enrollment wages were based on quarterly wages one year prior to enrollment in a G3 program, whereas post-completion or post-dropout wages were based on quarterly wages six months after completion or the students’ most recent enrollment date (for non-completers who did not re-enroll during the following year). Annual wages were estimated by multiplying the quarterly wages by four.

The pre- and post-enrollment median annual wages are shown for G3 students in academic credit programs and noncredit WCG programs in Table 6 and Table 7, respectively. For AY 2022 completers of G3 academic credit programs, the median annual wage nearly doubled, as it increased from \$19,216 to \$37,498. For students who did not complete their academic program, the median wage also increased, but the increase was significantly smaller (41%). The median wage of AY 2022 G3 completers was about \$11,000 more than the median wage of non-completers.

**TABLE 6. WAGES OF G3 CREDIT STUDENTS (AY 2022)**

|                       | Pre-Enrollment Wages |              | Post-Completion Wages |              |
|-----------------------|----------------------|--------------|-----------------------|--------------|
|                       | # Students           | Median Wages | # Students            | Median Wages |
| <b>Completers</b>     | 888                  | \$19,216     | 1,138                 | \$37,498     |
| <b>Non-completers</b> | 2,120                | \$18,648     | 2,547                 | \$26,352     |

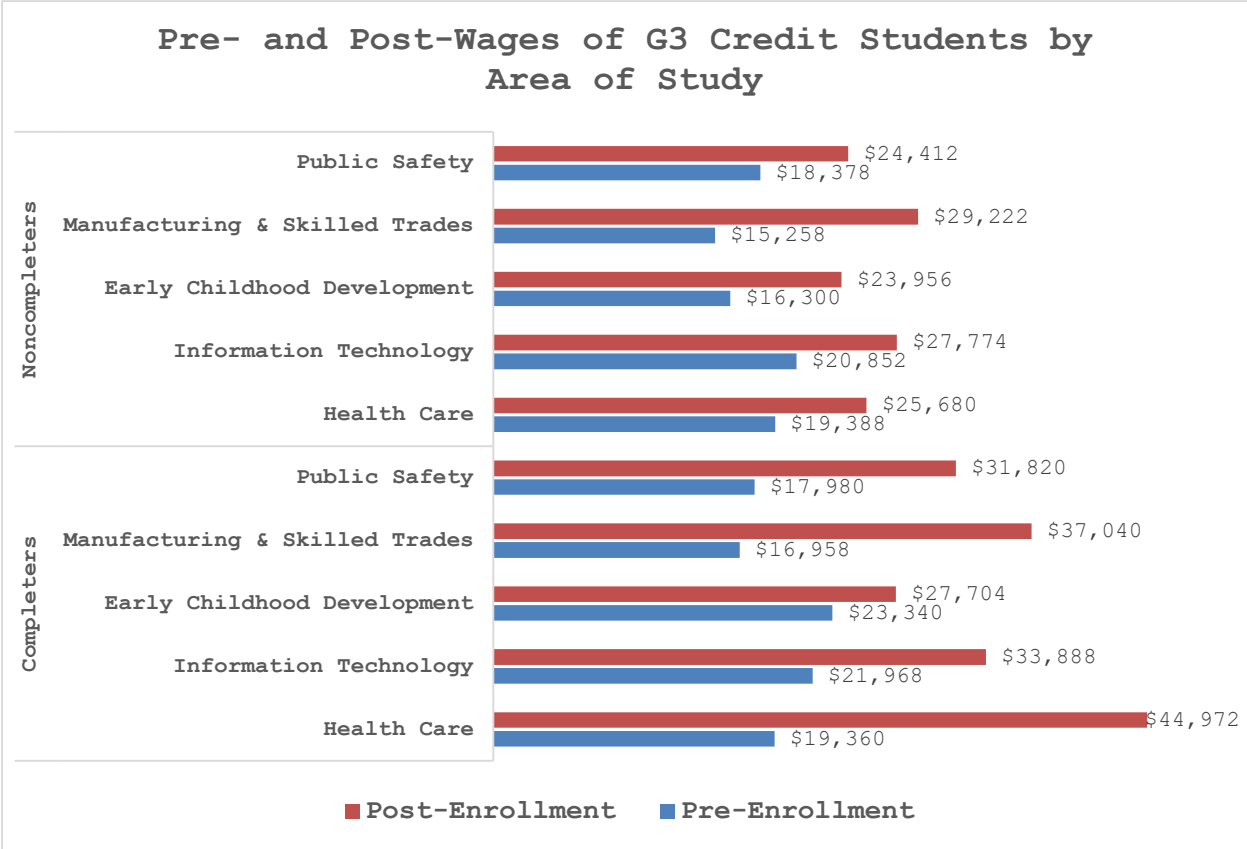
The analysis of wages for noncredit WCG students in the G3 program showed comparable results, but the increase in wages was not as pronounced as it was for credit students. Completers of the shorter-term credentials saw the median wage increase from \$19,544 to \$34,996 (79% increase), while those who did not earn a credential saw an increase of only 47%. The median wage of WCG credentialers was about \$3,400 higher than that of non-completers.

**TABLE 7. WAGES OF G3 NONCREDIT WCG STUDENTS (AY 2022)**

|                           | Pre-Enrollment Wages |              | Post-Completion Wages |              |
|---------------------------|----------------------|--------------|-----------------------|--------------|
|                           | # Students           | Median Wages | # Students            | Median Wages |
| <b>Credential Earners</b> | 249                  | \$19,544     | 844                   | \$34,996     |
| <b>Non-completers</b>     | 582                  | \$21,406     | 1,033                 | \$31,572     |

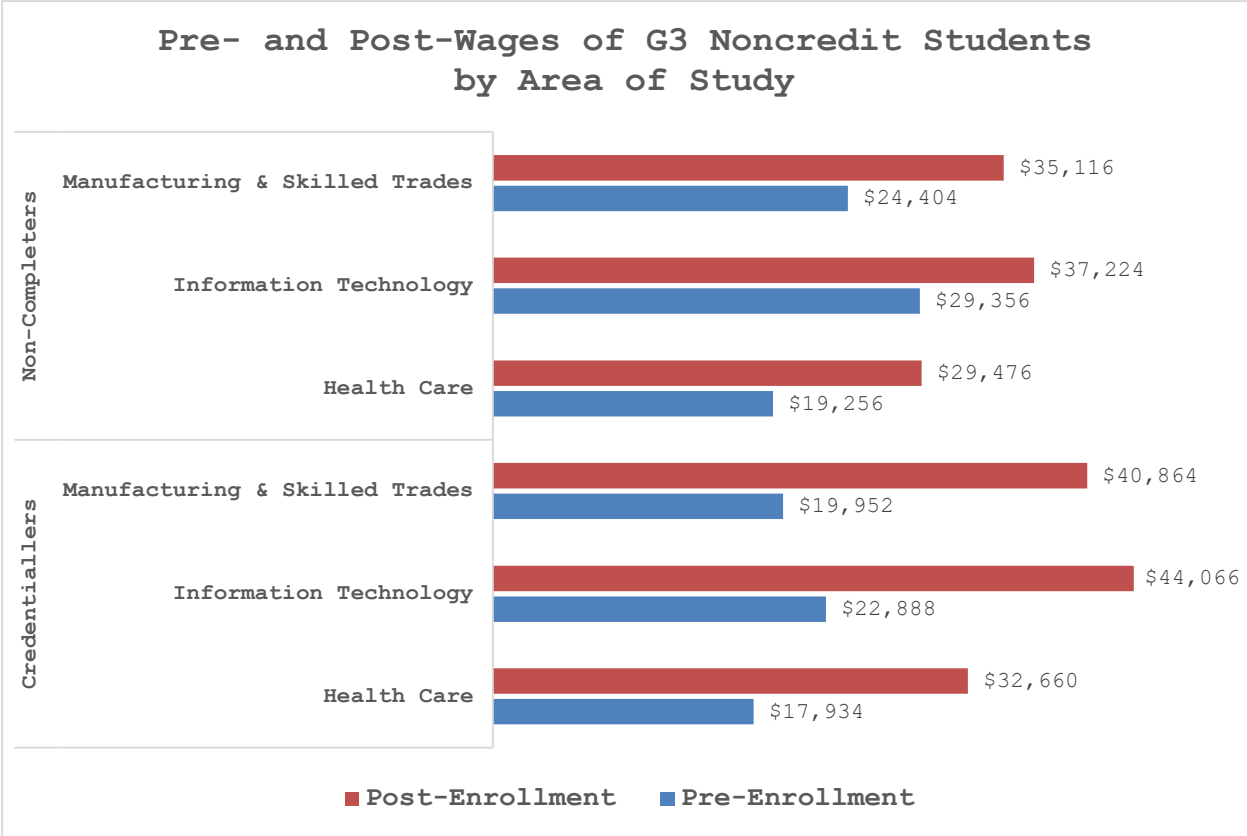
### Median Wages by Area of Study

Median wages increased for G3 completers across all five broad areas of study, and the post-enrollment median wage was higher for completers than for non-completers in all areas of study. Figure 12 shows the median wages of completers and non-completers in AY 2022 G3 academic credit programs. The largest increase was experienced by students who completed a program in a health care field, as post-completion wages were more than \$25,000 higher than pre-enrollment wages. Post-completion median wages were also significantly higher in the other fields, as well. Completers of early childhood education programs experienced the smallest increase (about \$4,400) and had the lowest post-completion median wage of the five areas of study.



**FIGURE 12 G3 MEDIAN WAGES BY AREA OF STUDY (ACADEMIC CREDIT) (AY 2022)**

The median wages of credentialers and non-completers of WCG programs are shown in Figure 13. These program completers also experienced significant median wage increases across the broad areas of study. Students who earned a credential in information technology had the highest median wage increase, as the post-credential median wage was more than \$21,000 higher than the pre-enrollment median wage. The other broad areas of study also saw significant wage increases for credential earners, as post-credential wages were about twice as high as pre-enrollment wages in both manufacturing and skilled trades, and health care. There were no WCG enrollments in early childhood education programs, and enrollment in public safety programs was too low to provide meaningful results for that area of study.

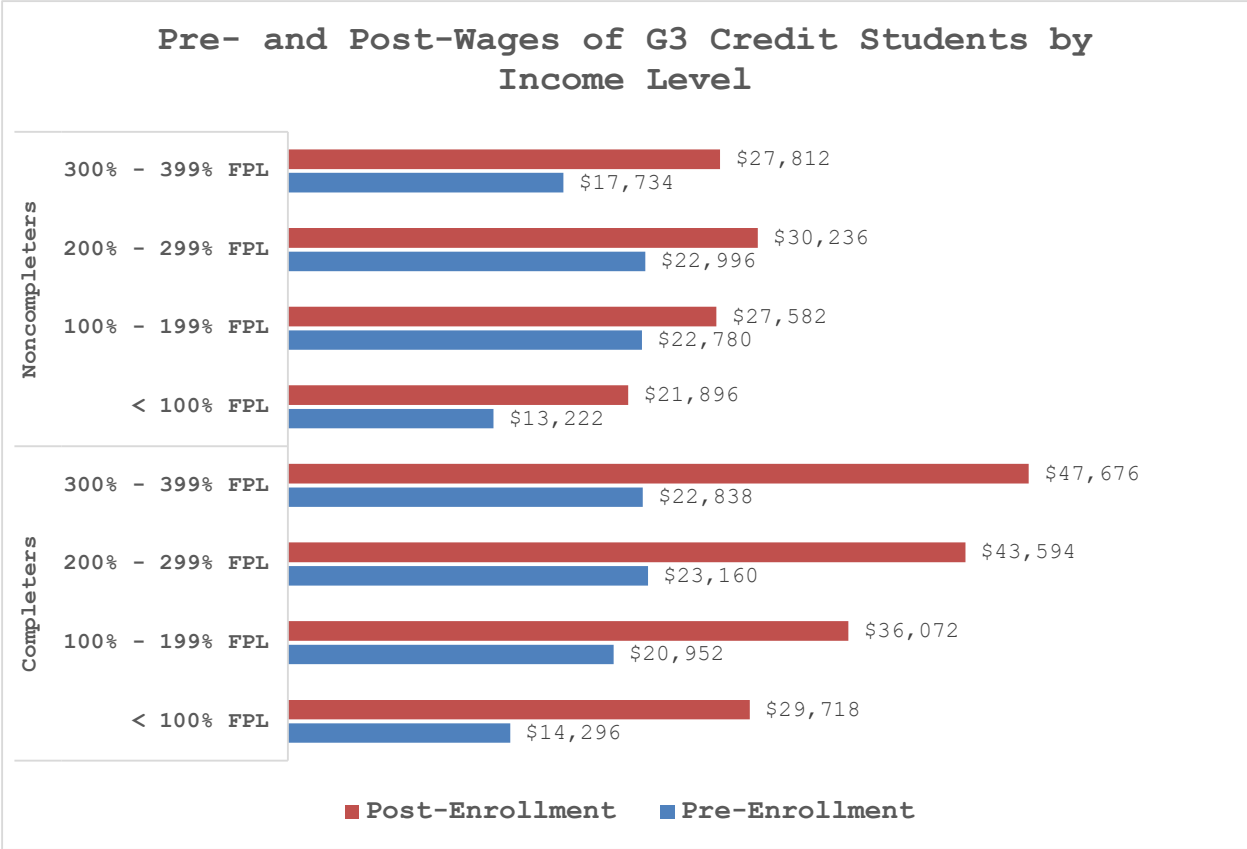


**FIGURE 13. G3 MEDIAN WAGES BY AREA OF STUDY (WCG) (AY 2022)**

### Median Wages by Income Level

The median wages increased for program completers across all income levels. For students, whose family income was below the poverty threshold at the start of their enrollment, the median wage more than doubled from just over \$14,000 to nearly \$30,000, as shown in Figure 14. Students below the poverty threshold who dropped out of their G3 program saw an increase of 65%, and their post-enrollment median wage was about \$8,000 less than that of program completers in the same income category. Program completers in the higher family income categories experienced larger median wage increases and had higher wages post-completion than students in the lower family income levels. Appendix 11 lists median wages by income level for each college.

Appendix 10 lists median wages by area of study and income level for each college for G3 academic credit students, and Appendix 11 lists median wages by area of study for G3 students in noncredit WCG programs for each college.

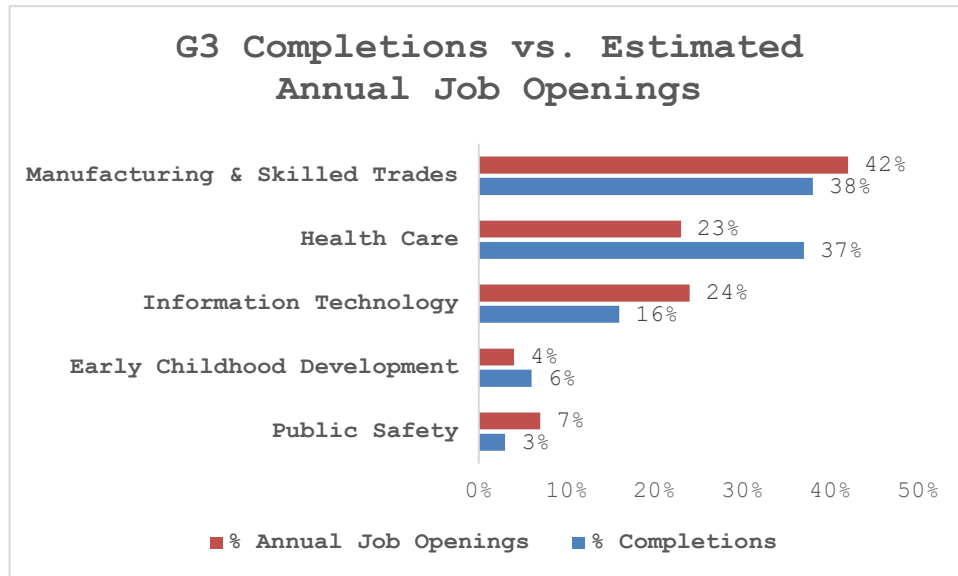


**FIGURE 14. G3 MEDIAN WAGES BY INCOME LEVEL (ACADEMIC CREDIT) (AY 2022)**

## Comparison of Job Demand and Completion Rates

Legislation creating the G3 program requires that institutions annually provide a comparison of job demand and completion rates. The VCCS compared program completion and job demand rates by examining the proportion of each to the total across all G3 program areas. Job demand was estimated based on the number of annual job openings (within Virginia and within each college service region) for occupations associated with each Classification of Instructional Program (CIP) code. This comparison of completers to job openings may help determine if resources are distributed appropriately among the areas of study and training.

Systemwide, the proportion of G3 student completers seems to match the proportion of annual job openings, as the areas of study with the most completers also generally have the most job openings. Figure 15 below illustrates this comparison by showing completion and job opening intensity across the five broad G3 areas of study. Most completers were in the fields of manufacturing and skilled trades, healthcare, and information technology, and most job openings were also in these fields.



**FIGURE 15. G3 COMPLETIONS COMPARED TO ANNUAL JOB OPENINGS**

Appendixes 12-14 compare program completions and job demand for each institution within its service region by broad area of study, two-digit CIP family, and individual six-digit CIP codes, respectively. However, as the CIP code/occupation match is an inexact science, comparisons at the more discrete classifications may be less useful. Large discrepancies between completion and job demand rates may be used as a starting point for inquiry into the needs for local business and industry, but more research should be conducted to analyze the specific employment and skills demands within local regions.

## Appendix 1. Approved G3 Programs by College Academic Programs

college=Blue Ridge

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 01.8301  | 188-03         | Veterinary Technology          |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Services     |
| Health Care                    | AAS    | 51.1599  | 480            | Human Services                 |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | AAS    | 51.3801  | 156-01         | Nursing-Trad                   |
| Health Care                    | CERT   | 51.0904  | 145            | Paramedic                      |
| Health Care                    | CSC    | 01.8301  | 221-188-05     | Advanced Vet Assisting         |
| Health Care                    | CSC    | 51.0707  | 221-152-84     | Medical Coding-Hospital        |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Adv Emergency Medical Tech     |
| Health Care                    | CSC    | 51.1599  | 221-480-30     | Substance Abuse Counseling     |
| Health Care                    | CSC    | 51.1599  | 221-480-44     | Human Services I               |
| Health Care                    | CSC    | 51.1599  | 221-480-45     | Human Services II              |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Certified Nurse Aide Bridge    |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 11.0101  | 299-05         | IST: Info Tech for Business    |
| Information Technology         | AAS    | 11.0101  | 299-06         | IST: Cybersecurity             |
| Information Technology         | AAS    | 11.0101  | 299-07         | IST Cloud Computing            |
| Information Technology         | AAS    | 11.0101  | 299-08         | IST Digital Design & Graphics  |
| Information Technology         | AAS    | 15.0303  | 731            | Computer & Electronics Tech    |
| Information Technology         | AAS    | 15.0303  | 731-01         | Comp & Elect Tech-Sec Net      |
| Information Technology         | CSC    | 11.0101  | 221-299-16     | Information Technology         |
| Information Technology         | CSC    | 11.0101  | 221-299-21     | Info Systems Tech CSC          |
| Information Technology         | CSC    | 11.0101  | 221-299-26     | Information Tech for Business  |
| Information Technology         | CSC    | 11.0101  | 221-299-50     | Cloud Computing CSC            |
| Information Technology         | CSC    | 11.0101  | 221-732-09     | Cybersecurity                  |
| Information Technology         | CSC    | 15.0303  | 221-731-01     | Computer and Electronics I     |
| Information Technology         | CSC    | 15.0303  | 221-731-02     | Computer and Electronics II    |
| Information Technology         | CSC    | 15.0303  | 221-732-07     | Secure Computer Networking     |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersecurity & Networking     |
| Information Technology         | CSC    | 15.0303  | 221-732-18     | Intermediate Cybersecurity     |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Development I  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-10     | Early Childhood Dev II         |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736            | Advanced Manuf Technology      |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736-01         | Mechatronics                   |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736-02         | Manufacturing Engineering Tech |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736-03         | Manuf Operational Excellence   |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736-04         | Manufacturing Biotechnology    |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 967            | Engineering Technology         |
| Manufacturing & Skilled Trades | AAS    | 47.0604  | 909            | Automotive Analysis and Repair |
| Manufacturing & Skilled Trades | AAS    | 47.0607  | 889            | Aviation Maintenance Technolog |
| Manufacturing & Skilled Trades | CERT   | 47.0607  | 890            | Airframe Maintenance           |
| Manufacturing & Skilled Trades | CSC    | 15.0000  | 221-966-01     | Engineering Assistant          |
| Manufacturing & Skilled Trades | CSC    | 15.0000  | 221-966-02     | Senior Engineering Assistant   |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-03     | Applied Mechatronics I         |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-04     | Applied Mechatronics II        |



|                                |     |         |            |                                |
|--------------------------------|-----|---------|------------|--------------------------------|
| Manufacturing & Skilled Trades | CSC | 15.0613 | 221-736-08 | Applied Manufacturing Process  |
| Manufacturing & Skilled Trades | CSC | 15.0613 | 221-736-09 | Applied Manuf Biotechnology    |
| Manufacturing & Skilled Trades | CSC | 15.0613 | 221-736-15 | Applied Manufacturing Tech     |
| Manufacturing & Skilled Trades | CSC | 15.1302 | 221-729-01 | Computer Aided Drafting        |
| Manufacturing & Skilled Trades | CSC | 47.0604 | 221-909-08 | Undercar and HVAC Systems      |
| Manufacturing & Skilled Trades | CSC | 47.0604 | 221-909-09 | Auto Fuel & Electrical Systems |
| Public Safety                  | AAS | 43.0103 | 400        | Administration of Justice      |
| Public Safety                  | CSC | 43.0103 | 221-400-45 | Criminal Justice Foundations   |
| Public Safety                  | CSC | 43.0103 | 221-400-47 | Criminal Justice Advanced      |

## Appendix 1. Approved G3 Programs by College Academic Programs

college=Brightpoint

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0904  | 146-01         | EMS - Paramedic                |
| Health Care                    | AAS    | 51.1599  | 480-01         | Human Services                 |
| Health Care                    | AAS    | 51.1599  | 480-04         | Human Services - Criminology   |
| Health Care                    | AAS    | 51.1599  | 480-06         | Human Services - Pre Soc Wk    |
| Health Care                    | AAS    | 51.3801  | 156-01         | Nursing                        |
| Health Care                    | AAS    | 51.3801  | 156-02         | Nursing, LPN to RN Bridge      |
| Health Care                    | AAS    | 51.3801  | 156-04         | Nursing - Hybrid Distance Educ |
| Health Care                    | CERT   | 51.3901  | 157-01         | Practical Nursing              |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | EMS - Advanced Med Tech        |
| Health Care                    | CSC    | 51.1599  | 221-480-02     | Adult Home Administration      |
| Health Care                    | CSC    | 51.1599  | 221-480-30     | Substance Abuse Assistant      |
| Health Care                    | CSC    | 51.1599  | 221-482-01     | Bereavement & Grief Course     |
| Health Care                    | CSC    | 51.2006  | 221-148-01     | Pharmaceutical Mfg             |
| Health Care                    | CSC    | 51.3501  | 221-179-01     | Massage Therapy                |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Nurse Aide/Medication Aide     |
| Information Technology         | AAS    | 11.0101  | 299-06         | Information Technology         |
| Information Technology         | AAS    | 11.0801  | 349-01         | Web Design                     |
| Information Technology         | AAS    | 11.0801  | 349-02         | Web Design, Graphics Spec      |
| Information Technology         | CSC    | 11.0101  | 221-299-05     | Computer Applic Design         |
| Information Technology         | CSC    | 11.0101  | 221-299-30     | Computer Programming           |
| Information Technology         | CSC    | 11.0101  | 221-299-50     | Cloud Computing                |
| Information Technology         | CSC    | 15.0303  | 221-732-07     | Network Security & Support     |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersec/Network Foundations   |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity                  |
| Information Technology         | CSC    | 15.0303  | 221-732-10     | CISCO Network Admin            |
| Information Technology         | CSC    | 15.0303  | 221-941-02     | Residential Electricity        |
| Information Technology         | CSC    | 15.0303  | 221-941-03     | Industrial Electricity         |
| Early Childhood Development    | AAS    | 19.0709  | 636-01         | Early Childhood Develop        |
| Early Childhood Development    | CERT   | 19.0709  | 634-01         | Early Childhood Development    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood                |
| Manufacturing & Skilled Trades | AAS    | 15.0101  | 822-01         | Architectural Engineering Tech |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-01         | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 956-01         | Mechanical Engineer Techno     |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 956-05         | Mec Egr Tech-Mechatronics      |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 956-07         | Mec Egr Tech - Energy Systems  |
| Manufacturing & Skilled Trades | AAS    | 46.0302  | 841-01         | Electrical Engrn Technology    |
| Manufacturing & Skilled Trades | CERT   | 15.0599  | 821-01         | Energy Technology              |
| Manufacturing & Skilled Trades | CERT   | 46.0000  | 989-01         | Building Construction          |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995-01         | Welding                        |
| Manufacturing & Skilled Trades | CERT   | 48.0599  | 885-01         | Precision Machining Technology |
| Manufacturing & Skilled Trades | CSC    | 15.0201  | 221-915-01     | Surveying & GIS                |
| Manufacturing & Skilled Trades | CSC    | 15.0599  | 221-820-07     | Energy Technology              |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-84     | Industrial Maintenance         |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | CAD and Modeling               |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-938-02     | Computer Numerical Control     |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-938-03     | Additive/Subtractive Mfg       |

|                                |     |         |            |                            |
|--------------------------------|-----|---------|------------|----------------------------|
| Manufacturing & Skilled Trades | CSC | 47.0201 | 221-903-10 | Heating & Air Conditioning |
| Manufacturing & Skilled Trades | CSC | 48.0508 | 221-995-01 | Welding                    |
| Public Safety                  | AAS | 43.0103 | 464-01     | Criminal Justice           |
| Public Safety                  | CSC | 43.0103 | 221-400-01 | Fund. of Criminal Justice  |
| Public Safety                  | CSC | 43.0103 | 221-400-45 | Found. of Criminal Justice |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Central Virginia

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0904  | 146            | EMS-Paramedic                  |
| Health Care                    | AAS    | 51.0904  | 146-01         | EMS - Fire Science             |
| Health Care                    | AAS    | 51.0908  | 181            | Respiratory Therapy Technology |
| Health Care                    | AAS    | 51.0911  | 172            | Radiologic Technology          |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Technology  |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Medical Coding                 |
| Health Care                    | CSC    | 51.0904  | 221-146-02     | Emergency Medical Tech Plus    |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Advanced EMT                   |
| Health Care                    | CSC    | 51.0999  | 221-190-00     | Pre-Allied Health              |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technology            |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 15.0303  | 731            | Computer & Elec Tech-Comp Net  |
| Information Technology         | CSC    | 11.0101  | 221-299-16     | Information Systems Tech Fund. |
| Information Technology         | CSC    | 11.0101  | 221-299-17     | Information Systems Tech Plus  |
| Information Technology         | CSC    | 15.0303  | 221-732-00     | Cyber Security Fundamentals    |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cyber Security                 |
| Early Childhood Development    | CERT   | 19.0709  | 634            | Early Childhood Develop (CERT) |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Develop (CSC)  |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968            | Engineering Technology         |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736            | Mechatronics AAS               |
| Manufacturing & Skilled Trades | AAS    | 15.1401  | 737            | Nuclear Technology             |
| Manufacturing & Skilled Trades | CERT   | 46.0302  | 942            | Electrical Technology          |
| Manufacturing & Skilled Trades | CERT   | 47.0201  | 903            | HVAC (Cert)                    |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Welding Technology             |
| Manufacturing & Skilled Trades | CERT   | 48.0599  | 959            | Machine Shop                   |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Mechatronics                   |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-02     | Mechatronics Plus              |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-03     | Mechatronics Fund. - STEM      |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial Maintenance Fund.   |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-01     | Industrial Main. Electrician   |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-03     | Industrial Maintenance Mech.   |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-01     | Electrical Tech. Fundamentals  |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-02     | Electrical Tech Plus           |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-07     | HVAC Fundamentals              |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | Heating Ventilation & Air Cond |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding Plus                   |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-03     | Welding Fundamentals           |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-05     | Machine Technology Fund        |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-06     | Machine Technology             |
| Manufacturing & Skilled Trades | DIPL   | 48.0599  | 477            | Machine Tool & Quality         |
| Manufacturing & Skilled Trades | DIPL   | 48.0599  | 960            | Machine Tool                   |
| Public Safety                  | AAS    | 43.0103  | 400            | Administration of Justice      |
| Public Safety                  | AAS    | 43.0203  | 427            | Fire Science Technology        |
| Public Safety                  | CSC    | 43.0103  | 221-400-46     | Criminal Justice Plus          |
| Public Safety                  | CSC    | 43.0103  | 221-400-47     | Criminal Justice Advanced      |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Danville

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                      |
|--------------------------------|--------|----------|----------------|---------------------------------|
| Health Care                    | AAS    | 51.0999  | 195-01         | Health Science-Prac. Nrsng.Spec |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                         |
| Health Care                    | CSC    | 51.0601  | 221-120-02     | Basic Dental Assisting          |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Medical Coding                  |
| Health Care                    | CSC    | 51.0799  | 221-285-89     | Medical Office Studies          |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technician             |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy                      |
| Health Care                    | CSC    | 51.3901  | 221-157-03     | Pre-Allied Hlth Adv Nurse Aide  |
| Health Care                    | CSC    | 51.3901  | 221-157-08     | Nurse Aide Extended Care        |
| Information Technology         | AAS    | 11.0101  | 299-01         | IST-Software Development Spec.  |
| Information Technology         | AAS    | 11.0101  | 299-03         | IST Network Engineer            |
| Information Technology         | AAS    | 11.0101  | 299-04         | IST - Gaming & Mobile App Des.  |
| Information Technology         | AAS    | 11.0101  | 299-05         | IST-Cyber/Net Security Spec.    |
| Information Technology         | CERT   | 11.1003  | 344            | Cyber Security                  |
| Information Technology         | CERT   | 15.0303  | 925            | Industrial Electronic Prin.     |
| Information Technology         | CSC    | 11.0101  | 221-299-06     | Software Development            |
| Information Technology         | CSC    | 11.0101  | 221-299-16     | Info. Systems Technician        |
| Information Technology         | CSC    | 11.0101  | 221-299-45     | Mobile Applications Developmen  |
| Information Technology         | CSC    | 11.0101  | 221-299-73     | Information Systems Management  |
| Information Technology         | CSC    | 11.0801  | 221-352-03     | Website Design                  |
| Information Technology         | CSC    | 11.0801  | 221-352-04     | Website Programming             |
| Information Technology         | CSC    | 15.0303  | 221-732-07     | Network Technology              |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersec/Networking Foundation  |
| Information Technology         | CSC    | 15.0303  | 221-732-10     | Networking with CISCO/CCNA      |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Education       |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Development     |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-05         | Tech Studies Ind Tech Mech      |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-09         | Tech Studies Int Mach Tech      |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-01         | AST Medical Office Administrat  |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-02         | AST - General Office Spec.      |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-04         | AST.-Med. Office Coding Spec.   |
| Manufacturing & Skilled Trades | CERT   | 15.0699  | 990            | Maintenance Mechanics           |
| Manufacturing & Skilled Trades | CERT   | 46.0302  | 942            | Industrial Electrical Princ.    |
| Manufacturing & Skilled Trades | CERT   | 47.0201  | 903            | Air Cond. & Refrig. Servicing   |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Welding Technology              |
| Manufacturing & Skilled Trades | CERT   | 52.0499  | 293            | Office Information Processing   |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-883-10     | Machining Skills                |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-883-12     | Dimensional Inspection          |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-08     | Drafting and Surv.(Restricted)  |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-989-13     | BTT-Electrical*Spec. Pop. Only  |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-940-05     | Electrical Concepts             |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-940-06     | Electronic Concepts             |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-07     | AC & Refrig Fundamentals        |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-01     | Auto Repair Fundamental         |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-03     | Basic Welding                   |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-736-06     | CNC Flow Cell Machining         |
| Manufacturing & Skilled Trades | CSC    | 52.0499  | 221-298-01     | General Office Studies          |

|                                |      |         |            |                                |
|--------------------------------|------|---------|------------|--------------------------------|
| Manufacturing & Skilled Trades | DIPL | 47.0105 | 940-02     | Electrical/Electronics EngTech |
| Manufacturing & Skilled Trades | DIPL | 47.0201 | 900        | Air Conditioning & Refrigerati |
| Manufacturing & Skilled Trades | DIPL | 47.0604 | 907        | Auto Analysis & Repair         |
| Manufacturing & Skilled Trades | DIPL | 48.0508 | 707        | Welding                        |
| Manufacturing & Skilled Trades | DIPL | 48.0599 | 958        | Precision Machining Technology |
| Public Safety                  | AAS  | 43.0103 | 400-01     | Adj-Law Enforcement            |
| Public Safety                  | CERT | 43.0103 | 463        | Law Enforcement                |
| Public Safety                  | CERT | 43.0116 | 409        | Cybercrime Investigation       |
| Public Safety                  | CSC  | 43.0103 | 221-400-45 | Foundations of Crim Justice    |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Eastern Shore

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | CERT   | 51.0801  | 166            | Medical Assisting Certificate  |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing (PN)         |
| Health Care                    | CSC    | 51.0707  | 221-152-03     | Medical Coding & Billing Spec  |
| Health Care                    | CSC    | 51.0799  | 221-285-87     | Medical Admin Ofc Specialist   |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Health Sciences CSC            |
| Health Care                    | CSC    | 51.3901  | 221-157-08     | Nurse Aide Extended Care       |
| Information Technology         | AAS    | 15.0303  | 981            | Electronics Technology AAS     |
| Information Technology         | CERT   | 15.0303  | 925            | Electronics Certificate        |
| Information Technology         | CSC    | 11.0101  | 221-299-21     | Information Technology Support |
| Information Technology         | CSC    | 11.0801  | 221-352-01     | Webpage Development            |
| Information Technology         | CSC    | 15.0303  | 221-941-01     | Electricity-Electrician Helper |
| Information Technology         | CSC    | 15.0303  | 221-941-02     | Electricity Electrician Assist |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Education      |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Ed-Preschool   |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-08     | Early Childhood Edu Sup Spec   |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-01         | Technical Stu-Electricity      |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-02         | Technical Studies-HVAC         |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-03         | Technical Studies-Welding      |
| Manufacturing & Skilled Trades | CERT   | 15.0699  | 990            | Industrial Technology Cert.    |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Welding Certificate            |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial Technology CSC      |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-981-15     | Electronics Technology         |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | HVAC&R Technician Helper       |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-12     | HVAC&R Technician Assistant    |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding CSC                    |
| Public Safety                  | CSC    | 43.0103  | 221-463-01     | Law Enforcement                |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Germanna

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0806  | 180            | Physical Therapist Assistant   |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Services     |
| Health Care                    | AAS    | 51.3801  | 156-01         | Nursing                        |
| Health Care                    | AAS    | 51.3801  | 156-02         | Lpn To Rn - Nursing            |
| Health Care                    | CERT   | 51.0601  | 120            | Dental Assisting               |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0601  | 221-120-07     | Dental Expanded Functions      |
| Health Care                    | CSC    | 51.0904  | 221-146-01     | Emergency Medical Technician   |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Adv. Emergency Medical Tech    |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Health Professions Preparation |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Tech                  |
| Health Care                    | CSC    | 51.1599  | 221-480-55     | Paraprofessional Counseling    |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Health Care Technician         |
| Information Technology         | AAS    | 11.0101  | 199            | Networking                     |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Tech       |
| Information Technology         | AAS    | 11.1003  | 345            | Cybersecurity                  |
| Information Technology         | CSC    | 11.0101  | 221-299-03     | Microcomputer App Business     |
| Information Technology         | CSC    | 11.0101  | 221-299-16     | Data Center Tech/IT Tech       |
| Information Technology         | CSC    | 15.0303  | 221-732-00     | Networking                     |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | CSC Cybersecurity              |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Development    |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Early Childhood Development Ct |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Development    |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | CSC    | 15.0000  | 221-968-78     | Engineering Technology         |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial Maintenance Technol |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | Computer Aided Drafting Design |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-01     | Auto Diagnosis                 |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-69     | Auto Technician                |
| Public Safety                  | AAS    | 43.0103  | 400            | Administration of Justice      |
| Public Safety                  | CERT   | 43.0103  | 406            | Administration of Justice      |
| Public Safety                  | CSC    | 43.0103  | 221-400-01     | Found of Criminal Justice      |



**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=J. Sargeant Reynolds

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Med Svc-Paramedic    |
| Health Care                    | AAS    | 51.0908  | 181            | Respiratory Therapy AAS        |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Tech AAS    |
| Health Care                    | AAS    | 51.1599  | 480            | Human Services AAS             |
| Health Care                    | AAS    | 51.1801  | 160            | Opticianry AAS                 |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing AAS                    |
| Health Care                    | AAS    | 51.3801  | 156-03         | LPN to Nursing AAS-PT          |
| Health Care                    | CERT   | 51.0601  | 120            | Dental Assisting C             |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing C            |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Rel of Health Info Special CSC |
| Health Care                    | CSC    | 51.0707  | 221-152-06     | Medical Records Coder CSC      |
| Health Care                    | CSC    | 51.0707  | 221-152-07     | Advanced Medical Coder CSC     |
| Health Care                    | CSC    | 51.0904  | 221-146-01     | EMS-EMT CSC                    |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Health Science I               |
| Health Care                    | CSC    | 51.0999  | 221-190-05     | Health Care Asst PAVE CSC      |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technician CSC        |
| Health Care                    | CSC    | 51.1599  | 221-480-30     | Substance Abuse Counsl Ed CSC  |
| Health Care                    | CSC    | 51.1801  | 221-160-04     | Opticians Apprentice CSC       |
| Information Technology         | AAS    | 11.0101  | 299            | Information Sys Tech AAS       |
| Information Technology         | CSC    | 11.0101  | 221-299-00     | Comp App Fundamentals CSC      |
| Information Technology         | CSC    | 11.0101  | 221-299-03     | Computer Applications CSC      |
| Information Technology         | CSC    | 11.0101  | 221-299-06     | Computer Programmer CSC        |
| Information Technology         | CSC    | 11.0101  | 221-299-18     | Web Development CSC            |
| Information Technology         | CSC    | 11.0101  | 221-299-50     | Cloud Computing CSC            |
| Information Technology         | CSC    | 15.0303  | 221-732-00     | Network Fundamentals CSC       |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cyber Security CSC             |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Developmnt AAS |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Early Childhood Dev C          |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-02     | Child Care Assistant PAVE CSC  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Education CSC  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-08     | Early Childhood Educ-Adv CSC   |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 895-01         | Contemporary Tech for Design   |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 895-02         | Building Construction Mgmt AAS |
| Manufacturing & Skilled Trades | AAS    | 47.0604  | 909            | Automotive Technology AAS      |
| Manufacturing & Skilled Trades | CERT   | 47.0604  | 902            | Automotive Technology C        |
| Manufacturing & Skilled Trades | CERT   | 47.0605  | 920            | Diesel Mechanics Technology C  |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | Computer Aided Design Spec CSC |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-01     | AutoMaintenanceLightRepairCSC  |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-46     | Hybrid&ElectricVehicleTech CSC |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding CSC                    |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-02     | Advanced Welding CSC           |
| Public Safety                  | AAS    | 43.0103  | 400-01         | Administration of Justice AAS  |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Criminal Justice CSC           |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Laurel Ridge

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0707  | 152            | Health Information Management  |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Services     |
| Health Care                    | AAS    | 51.0909  | 171            | Surgical Technology            |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Technology  |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.0799  | 285            | Medical Billing/Coding         |
| Health Care                    | CERT   | 51.0799  | 286            | Med Admin Asst/Trnscrptn/Scrbe |
| Health Care                    | CERT   | 51.0904  | 145            | Paramedic                      |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Hospital Facility Coding       |
| Health Care                    | CSC    | 51.0799  | 221-285-93     | Medical Office Assistant       |
| Health Care                    | CSC    | 51.0904  | 221-146-01     | Emergency Med Technician-Basic |
| Health Care                    | CSC    | 51.0904  | 221-146-02     | Advanced EMT (AEMT)            |
| Health Care                    | CSC    | 51.3901  | 221-157-07     | Patient Care Technician        |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 11.1003  | 345            | CyberSecurity                  |
| Information Technology         | CSC    | 11.0101  | 221-299-01     | Software Development           |
| Information Technology         | CSC    | 11.0101  | 221-299-50     | Cloud Computing                |
| Information Technology         | CSC    | 11.0701  | 221-246-00     | Applied Computer Science       |
| Information Technology         | CSC    | 11.0701  | 221-246-01     | Computer Science Generalist    |
| Information Technology         | CSC    | 15.0303  | 221-732-00     | Technology Essentials          |
| Information Technology         | CSC    | 15.0303  | 221-732-04     | Networking Specialist          |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersecurity & Networking Fnd |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity Specialist       |
| Information Technology         | CSC    | 15.0303  | 221-925-01     | Basic Electronics Technician   |
| Information Technology         | CSC    | 15.0303  | 221-941-02     | Practical Electrical Tech      |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Development    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Development    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-10     | Advanced Early Childhood Dev   |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968            | Genl Engr Tech/Mech Engr       |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968-01         | Genl Engr Tech: Civil Eng Tech |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968-04         | Gen Eng:Comp-Aided Drafting    |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968-07         | Genl Engr Tech: Technical Oper |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-10         | Technical Studies - HVAC Track |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-30         | Tech Studies-Pract Elec Track  |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-883-19     | Industrial Design              |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial Maint Tech Basic    |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-09     | Drafting                       |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | Heating, Ventilation & Air Con |
| Public Safety                  | CERT   | 43.0103  | 406            | Administration of Justice      |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Mountain Empire

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0707  | 152            | Health Information Management  |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Services     |
| Health Care                    | AAS    | 51.0908  | 181            | Respiratory Therapy            |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.0601  | 120            | Dental Assistant               |
| Health Care                    | CERT   | 51.0799  | 285            | Med Office Coding & Procedures |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0601  | 221-120-02     | Dental Assistant (CSC)         |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | HLTH Info Technology Analyst   |
| Health Care                    | CSC    | 51.0707  | 221-152-08     | Clinical Research Coordinator  |
| Health Care                    | CSC    | 51.0799  | 221-285-73     | Medical Records Technician     |
| Health Care                    | CSC    | 51.0799  | 221-286-01     | Medical Receptionist           |
| Health Care                    | CSC    | 51.0904  | 221-146-02     | Emer Med Tech Basic Plus       |
| Health Care                    | CSC    | 51.0904  | 221-146-05     | Emer Med Tech - Paramedic      |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Emer Med Tech - Advanced       |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Health Sciences                |
| Health Care                    | CSC    | 51.0999  | 221-190-07     | Pharmacy Technician            |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy                     |
| Health Care                    | CSC    | 51.3901  | 221-157-06     | Nursing Assistant              |
| Information Technology         | AAS    | 15.0303  | 732            | Computer Networking            |
| Information Technology         | CSC    | 11.0101  | 221-299-01     | Software Development I         |
| Information Technology         | CSC    | 11.0101  | 221-299-02     | Software Development II        |
| Information Technology         | CSC    | 11.0101  | 221-299-08     | Information Tech Readiness     |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity                  |
| Information Technology         | CSC    | 15.0303  | 221-941-01     | Electricity                    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Development    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-05     | Child Dev/Infant & Toddler     |
| Manufacturing & Skilled Trades | AAS    | 15.0599  | 820            | Energy Technology              |
| Manufacturing & Skilled Trades | AAS    | 15.0599  | 820-01         | Electrical Specialization      |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-02         | Welding                        |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 726            | Manufacturing Technology       |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 726-01         | Electromechanical Technology   |
| Manufacturing & Skilled Trades | AAS    | 15.1302  | 729            | Comp-Aided Drafting/Design     |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 222            | Computer Software Specialist   |
| Manufacturing & Skilled Trades | CERT   | 15.0699  | 990            | Industrial Maintenance         |
| Manufacturing & Skilled Trades | CERT   | 47.0201  | 903            | Air Cond Refrigeration         |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Welding (Cert)                 |
| Manufacturing & Skilled Trades | CSC    | 15.0599  | 221-820-05     | Energy Tech: Electrical        |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Mechatronics Technology        |
| Manufacturing & Skilled Trades | CSC    | 15.0901  | 221-985-52     | Machinery Maintenance          |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-727-09     | 3-D Design                     |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-989-10     | Construction                   |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-01     | Electrical Fabricator          |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | Air Condition & Refrigeration  |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding Operator I             |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-02     | Welding Operator II            |
| Public Safety                  | AAS    | 43.0102  | 462            | Corrections Science            |

|               |     |         |            |                                |
|---------------|-----|---------|------------|--------------------------------|
| Public Safety | AAS | 43.0103 | 464        | Police Science                 |
| Public Safety | CSC | 43.0102 | 221-462-88 | Corrections Mgmt & Supervision |
| Public Safety | CSC | 43.0103 | 221-463-89 | Law Enforce Mgmt & Supervision |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Mountain Gateway

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.3801  | 156            | Nursing (156)                  |
| Health Care                    | CERT   | 51.0999  | 194            | Advanced Health Care           |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing (157)        |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | CERT   | 11.0103  | 207            | Microcomputer Operations       |
| Information Technology         | CSC    | 11.0101  | 221-299-09     | IT Technology Support          |
| Information Technology         | CSC    | 11.0101  | 221-299-50     | Cloud Computing                |
| Information Technology         | CSC    | 11.0901  | 221-732-07     | Networking Technologies        |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersecurity & Network Foudat |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity                  |
| Information Technology         | CSC    | 15.0303  | 221-732-18     | Cybersecurity & Network Inter  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Development    |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 938            | Electrical and Instrumentation |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 744            | Pipe Welding                   |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Industrial, Structural Welding |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-706-40     | Renewable Energy Technology Fu |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-706-01     | Electrical Wiring Fundamentals |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-01     | Practical Electrical Technicia |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-03     | Electrical Troubleshooting     |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-938-21     | Instrumentation Technology Fun |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-981-06     | Bas Electronics Elec Trblshoot |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-03     | Fundamentals of Welding        |
| Public Safety                  | CERT   | 43.0103  | 463            | Law Enforcement                |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Found of Criminal Justice      |

## Appendix 1. Approved G3 Programs by College Academic Programs

college=New River

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.1599  | 480            | Human Services                 |
| Health Care                    | AAS    | 51.1599  | 480-01         | Early Childhood Development    |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.1599  | 469            | Human Services                 |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0707  | 221-152-00     | Medical Coding Found I         |
| Health Care                    | CSC    | 51.0707  | 221-152-01     | Medical Coding Found II        |
| Health Care                    | CSC    | 51.0799  | 221-285-01     | Medical Office Assistant       |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Health Professions Preparation |
| Information Technology         | AAS    | 11.0101  | 299            | Information Technology         |
| Information Technology         | AAS    | 11.0101  | 299-02         | IT Network and Tech Support    |
| Information Technology         | AAS    | 11.0101  | 299-10         | IT Cyber Security              |
| Information Technology         | AAS    | 11.0101  | 299-11         | IT Cloud Computing             |
| Information Technology         | AAS    | 11.0101  | 299-12         | IT Full Stack Developer        |
| Information Technology         | AAS    | 15.0303  | 941            | Electrical Engr Tech           |
| Information Technology         | CSC    | 11.0101  | 221-299-01     | IT Software Design             |
| Information Technology         | CSC    | 11.0101  | 221-299-08     | Info Tech Foundations          |
| Information Technology         | CSC    | 11.0101  | 221-732-00     | Information Tech Network       |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersec & Network Foun I      |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cyber Security                 |
| Information Technology         | CSC    | 15.0303  | 221-732-14     | Cybersec & Network Foun II     |
| Information Technology         | CSC    | 15.0303  | 221-941-01     | Electricity                    |
| Information Technology         | CSC    | 15.0303  | 221-941-06     | Prac Electronics Tech I        |
| Information Technology         | CSC    | 15.0303  | 221-941-07     | Prac Electronics Tech II       |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Early Child Development        |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Child Development              |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-05     | Child Dv Infant & Toddler      |
| Manufacturing & Skilled Trades | AAS    | 15.1302  | 729            | Engineering Design Tech        |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 938            | Instr & Control Automation     |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 981            | Electronics Tech               |
| Manufacturing & Skilled Trades | AAS    | 48.0599  | 950            | Machine Technology             |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298            | Administrative Support Tech    |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-02         | Medical Admin Support          |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-03         | Paralegal Admin Support        |
| Manufacturing & Skilled Trades | CERT   | 15.0699  | 990            | Cert. Industrial Maintenance   |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Welding Technology             |
| Manufacturing & Skilled Trades | CERT   | 52.0499  | 292            | Word Processing                |
| Manufacturing & Skilled Trades | CSC    | 15.0000  | 221-968-78     | Eng Design Fundamentals I      |
| Manufacturing & Skilled Trades | CSC    | 15.0000  | 221-968-79     | Eng Design Fundamentals II     |
| Manufacturing & Skilled Trades | CSC    | 15.0599  | 221-820-04     | Prac Ele Energy Tech I         |
| Manufacturing & Skilled Trades | CSC    | 15.0599  | 221-820-05     | Prac Ele Energy Tech II        |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-02     | Mechatronics Fundamentals      |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-03     | Applied Mechatronics           |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-10     | Advanced Manufacturing I       |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-11     | Advanced Manufacturing II      |

|                                |                   |         |            |                              |
|--------------------------------|-------------------|---------|------------|------------------------------|
| Manufacturing & Skilled Trades | CSC               | 15.0699 | 221-990-00 | Industrial Maintenance I     |
| Manufacturing & Skilled Trades | CSC               | 15.0699 | 221-990-01 | Industrial Maintenance II    |
| Manufacturing & Skilled Trades | CSC               | 15.1302 | 221-729-01 | Engineering Design Tech      |
| Manufacturing & Skilled Trades | CSC               | 46.0302 | 221-942-01 | Practical Ele Tech I         |
| Manufacturing & Skilled Trades | CSC               | 46.0302 | 221-942-02 | Practical Elec Tech II       |
| Manufacturing & Skilled Trades | CSC               | 47.0105 | 221-938-02 | Computer Numerical Control   |
| Manufacturing & Skilled Trades | CSC               | 47.0201 | 221-903-10 | Refrigeration & Air Cond     |
| Manufacturing & Skilled Trades | CSC               | 47.0604 | 221-909-04 | Automotive Drivability       |
| Manufacturing & Skilled Trades | CSC               | 48.0508 | 221-995-00 | Fundamentals of Welding      |
| Manufacturing & Skilled Trades | CSC               | 48.0508 | 221-995-02 | Advanced Welder              |
| Manufacturing & Skilled Trades | CSC               | 48.0599 | 221-952-03 | Basic Machine Tool Oper      |
| Manufacturing & Skilled Trades | CSC               | 48.0599 | 221-952-04 | Machine Operations           |
| Manufacturing & Skilled Trades | CSC               | 48.0599 | 221-952-05 | Machine Tech Fundamentals I  |
| Manufacturing & Skilled Trades | CSC               | 48.0599 | 221-952-06 | Machine Tech Fundamentals II |
| Manufacturing & Skilled Trades | CSC               | 52.0499 | 221-298-01 | Administrative Assistant     |
| Manufacturing & Skilled Trades | DIPL              | 47.0604 | 907        | Automotive Analysis Repair   |
| Manufacturing & Skilled Trades | DIPL              | 48.0599 | 951        | Machine Operations           |
|                                | Public Safety AAS | 43.0103 | 464        | Police Science               |
|                                | Public Safety AAS | 43.0406 | 405        | Forensic Science             |
|                                | Public Safety CSC | 43.0103 | 221-400-45 | Foundations Criminal Justice |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Northern Virginia

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 01.8301  | 1880           | AAS-Veterinary Technology      |
| Health Care                    | AAS    | 51.0602  | 1180           | AAS-Dental Hygiene             |
| Health Care                    | AAS    | 51.0707  | 1520           | AAS-Health Information Mgt     |
| Health Care                    | AAS    | 51.0803  | 1260           | AAS-Occupational Therapy Asst  |
| Health Care                    | AAS    | 51.0806  | 1800           | AAS-Physical Therapist Asst    |
| Health Care                    | AAS    | 51.0904  | 1460           | AAS-Emergency Med Srvc         |
| Health Care                    | AAS    | 51.0908  | 1810           | AAS-Respiratory Therapy        |
| Health Care                    | AAS    | 51.0910  | 1090           | AAS-Diagnostic Med Sonography  |
| Health Care                    | AAS    | 51.0910  | 1091           | AAS-DiagMed S/Echocardiography |
| Health Care                    | AAS    | 51.0910  | 1092           | AAS-DiagMed S/Vascular Sonogrp |
| Health Care                    | AAS    | 51.0911  | 1720           | AAS-Radiography                |
| Health Care                    | AAS    | 51.1004  | 1510           | AAS-Medical Laboratory Tech    |
| Health Care                    | AAS    | 51.3801  | 1560           | AAS-Nursing                    |
| Health Care                    | CERT   | 51.0601  | 1200           | CERT-Dental Assisting          |
| Health Care                    | CERT   | 51.1501  | 4030           | CERT-SubstanceAbuse RehabCouns |
| Health Care                    | CSC    | 51.0713  | 221-152-01     | CSC-Clinical Data Coding       |
| Health Care                    | CSC    | 51.0802  | 221-151-10     | CSC-Med Lab Assistant (MLA)    |
| Health Care                    | CSC    | 51.1009  | 221-151-02     | CSC-Phlebotomy                 |
| Information Technology         | AAS    | 11.0103  | 2990           | AAS-Information Systems Tech   |
| Information Technology         | AAS    | 11.0103  | 2995           | AAS Info Tech/Cloud Computing  |
| Information Technology         | AAS    | 11.1003  | 3450           | AAS-CyberSecurity              |
| Information Technology         | CSC    | 11.0101  | 221-299-45     | CSC-Mobile Application Develop |
| Information Technology         | CSC    | 11.0101  | 221-299-50     | CSC-Cloud Computing            |
| Information Technology         | CSC    | 11.0801  | 221-352-03     | CSC-Web Design and Development |
| Information Technology         | CSC    | 11.1001  | 221-732-04     | CSC-Network Engineering (Spec) |
| Information Technology         | CSC    | 11.1003  | 221-732-09     | CSC-Cybersecurity              |
| Information Technology         | CSC    | 11.1099  | 221-299-11     | CSC-Database Specialist        |
| Early Childhood Development    | AAS    | 19.0709  | 6360           | AAS-Early Childhood Develop    |
| Early Childhood Development    | CERT   | 19.0709  | 6320           | CERT-Early Childhood Dev       |
| Early Childhood Development    | CSC    | 13.1210  | 221-636-04     | CSC-Early Childhood Dev        |
| Early Childhood Development    | CSC    | 19.0799  | 221-636-06     | CSC-Infant and Toddler Care    |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 9684           | AAS-Engr Tech/Data Ctr Oper    |
| Manufacturing & Skilled Trades | AAS    | 15.0001  | 9680           | AAS-Engineering Technology     |
| Manufacturing & Skilled Trades | AAS    | 41.0101  | 1490           | AAS-Biotechnology              |
| Manufacturing & Skilled Trades | AAS    | 47.0201  | 9040           | AAS-Air Condition & Refridg    |
| Manufacturing & Skilled Trades | AAS    | 47.0604  | 9090           | AAS-Automotive Technology      |
| Manufacturing & Skilled Trades | AAS    | 52.2001  | 9170           | AAS-Construction Mgmt Tech     |
| Manufacturing & Skilled Trades | CERT   | 47.0201  | 9030           | CERT-Air Conditioning & Refrig |
| Manufacturing & Skilled Trades | CSC    | 15.0000  | 221-968-80     | CSC-Engineering Technology Tec |
| Manufacturing & Skilled Trades | CSC    | 15.0201  | 221-915-01     | CSC-Site Development           |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | CSC-Computer Aid Draft &Design |
| Manufacturing & Skilled Trades | CSC    | 15.9999  | 221-299-16     | CSC- Data Center Operations    |
| Manufacturing & Skilled Trades | CSC    | 41.0101  | 221-149-01     | CSC-Biotechnology Lab Tech     |
| Manufacturing & Skilled Trades | CSC    | 46.0412  | 221-917-01     | CSC-Construction Supervision   |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | CSC-HVAC-R and Fac Serv Tech   |
| Manufacturing & Skilled Trades | CSC    | 47.0603  | 221-909-10     | CSC-Collision Repair Technol   |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-02     | CSC-Auto Diagnosis & Repai     |



|                                |      |         |            |                                |
|--------------------------------|------|---------|------------|--------------------------------|
| Manufacturing & Skilled Trades | CSC  | 47.0605 | 221-920-01 | CSC-Diesel Basic Repair        |
| Manufacturing & Skilled Trades | CSC  | 47.0605 | 221-920-04 | CSC-Diesel Preventative Mainte |
| Manufacturing & Skilled Trades | CSC  | 47.0699 | 221-909-01 | CSC-Auto Maint & Light Repair  |
| Manufacturing & Skilled Trades | CSC  | 48.0508 | 221-995-01 | CSC-Welding/Basic Techniques   |
| Public Safety                  | AAS  | 43.0103 | 4000       | AAS-Administration of Justice  |
| Public Safety                  | AAS  | 43.0103 | 4001       | AAS-Adm of Just/Homeland Secur |
| Public Safety                  | CERT | 43.0199 | 4060       | CERT-Administration of Justice |
| Public Safety                  | CSC  | 43.0199 | 221-407-95 | CSC-National Security          |
| Public Safety                  | CSC  | 43.0406 | 221-405-43 | CSC-Forensic Investig/General  |
| Public Safety                  | CSC  | 43.0406 | 221-405-45 | CSC-Forensic Investig/Advanced |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Patrick & Henry

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0806  | 180            | Physical Therapist Assistant   |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Med Svcs - Paramedic |
| Health Care                    | AAS    | 51.3801  | 156            | Health Technology-Nursing      |
| Health Care                    | CERT   | 51.3501  | 179            | Therapeutic Massage            |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0799  | 221-286-01     | Medical Transcription          |
| Health Care                    | CSC    | 51.0904  | 221-146-01     | Health Technology: EMS         |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Health Technology:EMS Advanced |
| Health Care                    | CSC    | 51.0999  | 221-190-02     | Wellness                       |
| Health Care                    | CSC    | 51.3801  | 221-156-02     | Health Technology- Pre-Nursing |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Health Technology - Nurse Aide |
| Information Technology         | AAS    | 11.0101  | 299            | Info Systems Tech              |
| Information Technology         | CSC    | 11.0101  | 221-299-09     | Computer Service Technician    |
| Information Technology         | CSC    | 11.0101  | 221-299-18     | Internet Webmaster             |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Networking and Cybersecurity   |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity                  |
| Information Technology         | CSC    | 15.0303  | 221-941-03     | Resid/Comm/Industr Electrician |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Development    |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Early Childhood Education      |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-05     | Infant and Toddler Care        |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Instruction    |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968            | General Engineering Technologi |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-07         | Motorsports Technology         |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 981            | Industrial Electronics Technol |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-01         | Medical Office                 |
| Manufacturing & Skilled Trades | CERT   | 15.1302  | 727            | Computer Aided Drafting & Desi |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Industrial Welding             |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Applied Mechatronics           |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-10     | Advanced Manufacturing Technic |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-733-01     | Robotics and Automation Techno |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial Maintenance Elect   |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-48     | Adv Mfg-Advanced Films Tech    |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-938-02     | Industrial Controls            |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-74     | Motorsports Technician         |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-75     | Advanced Race Car Set-up       |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding                        |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-10     | Robotics Welding               |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-01     | Machining Technician           |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-03     | CNC Lathe Operator             |
| Manufacturing & Skilled Trades | CSC    | 52.0499  | 221-298-01     | Office Assisting               |
| Public Safety                  | AAS    | 43.0103  | 400            | Administration of Justice      |
| Public Safety                  | CSC    | 43.0103  | 221-400-04     | Justice Studies                |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Found of Criminal Justice      |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Paul D. Camp

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0799  | 221-285-89     | MdOffAdminAsst                 |
| Health Care                    | CSC    | 51.0799  | 221-285-90     | Med Office Coder/Reimbursement |
| Health Care                    | CSC    | 51.0904  | 221-146-01     | Emergency Medical Tech         |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Adv EMT                        |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy CS                  |
| Health Care                    | CSC    | 51.3801  | 221-156-02     | Pre-Nursing CSC                |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Nurse Aide CS                  |
| Information Technology         | CSC    | 11.0101  | 221-299-09     | CompSupSpCS                    |
| Information Technology         | CSC    | 11.0101  | 221-299-21     | Hardwre&Softwre Sp             |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersec & Network             |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity CS               |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Develop        |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Child Development              |
| Early Childhood Development    | CSC    | 19.0707  | 221-636-05     | Infant Toddler CSC             |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-01     | Early Childhood-CS             |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736            | Mechatronics                   |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 883            | Industrial Technology          |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 883-02         | Ind Tch-Electron-Elec          |
| Manufacturing & Skilled Trades | CERT   | 46.0302  | 942            | Electricity                    |
| Manufacturing & Skilled Trades | CSC    | 15.0405  | 221-733-03     | Ind Aut & Robotic              |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial MaintCS             |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-02     | Pract Electr Tech              |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | HVAC Career CS                 |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-11     | Building Maint.                |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | General Welding                |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-79     | Prof Welder Pipe               |
| Public Safety                  | AAS    | 43.0103  | 400-01         | Admin of Justice-Corr          |
| Public Safety                  | AAS    | 43.0103  | 400-02         | Adm of Justice-Pol Sci         |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Found Crim Just                |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Piedmont Virginia

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0904  | 146            | EMS Paramedic                  |
| Health Care                    | AAS    | 51.0909  | 171            | Surgical Technology            |
| Health Care                    | AAS    | 51.0910  | 109            | Diagnostic Medical Sonography  |
| Health Care                    | AAS    | 51.0911  | 172            | Radiography                    |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Technology  |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.0799  | 141            | Health Information Management  |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0707  | 221-152-10     | Medical Admin Support Assist   |
| Health Care                    | CSC    | 51.0904  | 221-146-05     | EMS - Paramedic                |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | EMS - Advanced                 |
| Health Care                    | CSC    | 51.0910  | 221-109-05     | Vascular Sonography            |
| Health Care                    | CSC    | 51.0910  | 221-109-08     | Echocardiography               |
| Health Care                    | CSC    | 51.0911  | 221-172-02     | Computed Tomography            |
| Health Care                    | CSC    | 51.0911  | 221-172-04     | Magnetic Resonance Imaging     |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technician            |
| Health Care                    | CSC    | 51.1599  | 221-732-00     | Network Support                |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 11.0101  | 299-06         | Information Sys Cybersecurity  |
| Information Technology         | AAS    | 11.0101  | 299-07         | Info Sys Tech - Programming    |
| Information Technology         | AAS    | 11.0101  | 299-08         | Infor Sys Tech Cloud Computing |
| Information Technology         | CSC    | 11.0101  | 221-299-06     | Fundamentals of Programming    |
| Information Technology         | CSC    | 11.0101  | 221-299-09     | Help Desk                      |
| Information Technology         | CSC    | 11.0101  | 221-299-31     | Programming Concepts           |
| Information Technology         | CSC    | 11.0801  | 221-352-04     | Web Technologies               |
| Information Technology         | CSC    | 15.0303  | 221-732-07     | Computer & Network Sup Tech    |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity                  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-05     | Early Childhood Dev-Infant/Tod |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Dev-Preschool  |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Tech Stdy-Software Development |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 981            | Industrial Electronics         |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 981-02         | Electronics Engineering Tech   |
| Manufacturing & Skilled Trades | AAS    | 47.0105  | 981-04         | Mechanical Engineering Tech    |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-05     | Mechanical Technician          |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-50     | Manufacturing Technician       |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-981-15     | Electronics Technician         |
| Public Safety                  | AAS    | 43.0103  | 464            | Police Science                 |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Foundations Criminal Justice   |
| Public Safety                  | CSC    | 43.0103  | 221-400-47     | Advanced Criminal Justice      |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Rappahannock

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.3801  | 156-01         | Nursing                        |
| Health Care                    | CERT   | 51.3901  | 157-01         | Practical Nursing              |
| Health Care                    | CSC    | 51.0904  | 221-146-03     | EMS-Paramedic I                |
| Health Care                    | CSC    | 51.0904  | 221-146-04     | Pre-Paramedic                  |
| Health Care                    | CSC    | 51.0904  | 221-146-05     | EMS - EMT Paramedic II         |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Advanced EMT                   |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technician            |
| Health Care                    | CSC    | 51.1004  | 221-151-01     | Pre-Medical Lab Tech           |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy                     |
| Health Care                    | CSC    | 51.3801  | 221-156-02     | Pre-Nursing                    |
| Health Care                    | CSC    | 51.3901  | 221-157-02     | Pre-Practical Nursing          |
| Information Technology         | CSC    | 11.0101  | 221-299-03     | Computer Application Spec      |
| Information Technology         | CSC    | 15.0303  | 221-732-14     | Adv Networking & Cybersecurity |
| Manufacturing & Skilled Trades | AAS    | 15.0000  | 968-01         | General Engineering Technology |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | Computer Aided Drafting        |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-01     | Practical Electrical Tech      |
| Manufacturing & Skilled Trades | CSC    | 47.0105  | 221-938-21     | Electrical & Instrumentat Tech |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | Advanced HVAC                  |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-12     | Heating, Ventilation and A/C   |
| Manufacturing & Skilled Trades | CSC    | 47.0605  | 221-920-02     | Diesel Mechanics Technology    |
| Public Safety                  | AAS    | 43.0103  | 400-01         | Administration of Justice      |
| Public Safety                  | CERT   | 43.0103  | 463-01         | Law Enforcement                |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Criminal Justice Foundations   |
| Public Safety                  | CSC    | 43.0103  | 221-400-47     | Criminal Justice Advanced      |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Southside Virginia

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Svcs (AAS)   |
| Health Care                    | AAS    | 51.1599  | 480            | Human Services (AAS Deg 480)   |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing-Registered Nurse (AAS) |
| Health Care                    | CERT   | 51.1501  | 403            | Subs Abuse Couns Asst (CERT)   |
| Health Care                    | CERT   | 51.1599  | 469            | Hmn Serv (Cert 469)            |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing (CERT)       |
| Health Care                    | CSC    | 51.0799  | 221-285-01     | Medical Office Assisting (CSC) |
| Health Care                    | CSC    | 51.0904  | 221-146-06     | Emergency Med Svcs Basic(CSC)  |
| Health Care                    | CSC    | 51.0904  | 221-146-08     | Emergency Med Svcs-Advanced    |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Health Sciences CSC            |
| Health Care                    | CSC    | 51.1599  | 221-480-30     | Substance Abuse CounAide (CSC) |
| Health Care                    | CSC    | 51.1599  | 221-480-44     | Human Services(CSC 221-480-44) |
| Information Technology         | AAS    | 11.0101  | 299            | Inf Systems Tech (AAS Deg 299) |
| Information Technology         | AAS    | 11.0901  | 299-01         | Inf Sys Tech- Networking (AAS) |
| Information Technology         | CERT   | 11.0101  | 200            | Information Systems Tech(CERT) |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersecurity & Networking     |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood (CSC)          |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-03         | Tech Studies in Indust Tech    |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-01         | Adm Sup Tech Med OffAAS 298-01 |
| Manufacturing & Skilled Trades | CERT   | 46.0302  | 942            | Electricity (Cert 942)         |
| Manufacturing & Skilled Trades | CERT   | 47.0604  | 910            | Auto Diag & Tune-Up (Cert 910) |
| Manufacturing & Skilled Trades | CERT   | 48.0508  | 995            | Welding (CERT)                 |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Mechatronics CSC               |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-883-10     | Precision Machining (CSC)      |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-01     | Ind Ele Tech (221-990-01)      |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-48     | Adv Manu Tech (CSC 221-990-48) |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-991-28     | High Performance Tech (CSC)    |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-10     | National Electricity Cd (CSC)  |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | HVAC Level I (CSC)             |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-12     | HVAC Level II (CSC)            |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-01     | Auto Tune-Up (CSC)             |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding (CSC)                  |
| Public Safety                  | AAS    | 43.0103  | 400            | Adm Justice (AAS Deg 400)      |
| Public Safety                  | CERT   | 43.0103  | 406            | Admin of Justic (Cert 406)     |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Found of Criminal Justice(CSC) |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Southwest Virginia

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0803  | 126-01         | Occupational Therapy Assistant |
| Health Care                    | AAS    | 51.0904  | 146-01         | Emerg Medical Serv Techno      |
| Health Care                    | AAS    | 51.0911  | 172-01         | Radiography                    |
| Health Care                    | AAS    | 51.1599  | 480-01         | Mental Health Degree           |
| Health Care                    | AAS    | 51.1599  | 480-03         | Humn Serv Tech/Gerontology     |
| Health Care                    | AAS    | 51.1599  | 480-04         | Substance Abuse                |
| Health Care                    | AAS    | 51.3801  | 156-01         | Nursing                        |
| Health Care                    | CERT   | 51.0999  | 190-06         | Health Science Tech            |
| Health Care                    | CERT   | 51.1501  | 403-01         | Substance Abuse Counselor      |
| Health Care                    | CERT   | 51.1599  | 469-01         | Human Service Certificate      |
| Health Care                    | CERT   | 51.3901  | 157-01         | Practical Nursing              |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Medical Coding                 |
| Health Care                    | CSC    | 51.0799  | 221-285-74     | Electronic Medical Rec Spec    |
| Health Care                    | CSC    | 51.0904  | 221-146-02     | Emergency Medical Tech Plus    |
| Health Care                    | CSC    | 51.0904  | 221-146-03     | Advanced Emergency Medical Tec |
| Health Care                    | CSC    | 51.0904  | 221-146-05     | Intermediate to Paramedic      |
| Health Care                    | CSC    | 51.0911  | 221-172-02     | Computerized Tomography        |
| Health Care                    | CSC    | 51.0999  | 221-190-01     | Advanced Studies in Science    |
| Health Care                    | CSC    | 51.0999  | 221-190-06     | Health Care Technician         |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technician            |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy                     |
| Health Care                    | CSC    | 51.1599  | 221-400-49     | Crime Scene Technology         |
| Health Care                    | CSC    | 51.1801  | 221-160-05     | Paraoptometric                 |
| Information Technology         | AAS    | 11.0101  | 299-01         | Information Systems Tech       |
| Information Technology         | AAS    | 15.0303  | 941-02         | Electrical/Electronics         |
| Information Technology         | CSC    | 11.0101  | 221-299-01     | Software Development           |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersecurity & Network Fundam |
| Information Technology         | CSC    | 15.0303  | 221-732-15     | Cybersecurity                  |
| Information Technology         | CSC    | 15.0303  | 221-941-02     | Electrical                     |
| Early Childhood Development    | AAS    | 19.0709  | 636-03         | Early Childhood Develop        |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Education      |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-05     | Early Childhood Infant/Toddler |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-03         | Advanced Manufacturing         |
| Manufacturing & Skilled Trades | CERT   | 47.0201  | 903-01         | Heat/Vent & Air Condition      |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Mechatronics                   |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-883-10     | Precision Machining            |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-990-00     | Industrial Maintenance         |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | Heating, Ventilation and Air C |
| Manufacturing & Skilled Trades | CSC    | 47.0604  | 221-909-01     | Automotive Diagnostic & Repair |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-00     | Welding Fundamentals           |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding                        |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-02     | Advanced Welding & Fabrication |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-01     | Manufacturing Fabrication      |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-04     | CNC & Machine Operations       |
| Manufacturing & Skilled Trades | DIPL   | 48.0508  | 707-01         | Welding/Diploma                |
| Public Safety                  | AAS    | 43.0103  | 400-01         | Administration of Justice      |
| Public Safety                  | CERT   | 43.0103  | 463-01         | Law Enforcement                |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Tidewater

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                      |
|--------------------------------|--------|----------|----------------|---------------------------------|
| Health Care                    | AAS    | 01.8301  | 188            | Veterinary Technology           |
| Health Care                    | AAS    | 51.0707  | 152            | Health Information Management   |
| Health Care                    | AAS    | 51.0803  | 126            | Occupational Therapy Assistant  |
| Health Care                    | AAS    | 51.0806  | 180            | Physical Therapist Assistant    |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Services      |
| Health Care                    | AAS    | 51.0908  | 181            | Respiratory Therapy             |
| Health Care                    | AAS    | 51.0910  | 109            | Diagnostic Medical Sonography   |
| Health Care                    | AAS    | 51.0911  | 172            | Radiography                     |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Technology   |
| Health Care                    | AAS    | 51.1599  | 480            | Human Services                  |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                         |
| Health Care                    | CERT   | 51.0999  | 190            | Health Sciences                 |
| Health Care                    | CSC    | 01.8301  | 221-188-04     | Veterinary Assistant            |
| Health Care                    | CSC    | 51.0799  | 221-285-06     | Medical Administrative Asst     |
| Health Care                    | CSC    | 51.0904  | 221-146-10     | Critical Care                   |
| Health Care                    | CSC    | 51.0911  | 221-172-04     | Magnetic Resonance Imaging      |
| Health Care                    | CSC    | 51.0999  | 221-190-08     | Pharmacy Technician             |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Nurse Aide                      |
| Information Technology         | AAS    | 11.0101  | 299            | {Information Systems Technolo}  |
| Information Technology         | AAS    | 11.0101  | 299-13         | {Info Sys Tech: Cyber Security} |
| Information Technology         | AAS    | 11.0101  | 299-14         | Info Sys Tech: Database Specia  |
| Information Technology         | AAS    | 11.0101  | 299-15         | Info Sys Tech: GIS              |
| Information Technology         | AAS    | 11.0101  | 299-16         | Info Sys Tech: Ntwrk/Cloud Adm  |
| Information Technology         | AAS    | 11.0101  | 299-17         | Info Sys Tech: Network Infrast  |
| Information Technology         | AAS    | 11.0101  | 299-18         | Info Sys Tech: Programming & M  |
| Information Technology         | AAS    | 11.0801  | 299-21         | Info Sys Tech: Web Development  |
| Information Technology         | AAS    | 11.1003  | 345            | Cyber Security                  |
| Information Technology         | CERT   | 11.0101  | 200            | Information Systems Technology  |
| Information Technology         | CERT   | 15.0303  | 943            | Electronics Engineering Tech    |
| Information Technology         | CSC    | 11.0101  | 221-299-06     | Programming & Mobile Apps Dev   |
| Information Technology         | CSC    | 11.0101  | 221-299-11     | Database Specialist             |
| Information Technology         | CSC    | 11.0801  | 221-352-01     | Web Development Specialist      |
| Information Technology         | CSC    | 15.0303  | 221-732-01     | Network & Cloud Computing Adm.  |
| Information Technology         | CSC    | 15.0303  | 221-732-07     | Network Infrastructure Spec     |
| Information Technology         | CSC    | 15.0303  | 221-732-08     | Cybersecurity & Networking Fou  |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cyber Security                  |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Development     |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Early Childhood Instruction     |
| Early Childhood Development    | CSC    | 13.1501  | 221-629-03     | Educational Support Specialist  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-05     | Preschool (CDA Equivalent)      |
| Manufacturing & Skilled Trades | AAS    | 15.0201  | 915            | Civil Engineering Technology    |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies               |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-10         | TS - Technical Supervision      |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 706            | Mechatronics                    |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 963            | Industrial Technology           |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 963-04         | Industrial Supervision          |
| Manufacturing & Skilled Trades | AAS    | 15.0699  | 963-05         | Quality Assurance               |



|                                |      |         |            |                                |
|--------------------------------|------|---------|------------|--------------------------------|
| Manufacturing & Skilled Trades | AAS  | 15.0699 | 963-06     | Industrial Manufacturing Engr  |
| Manufacturing & Skilled Trades | AAS  | 15.0699 | 963-10     | Industrial Maintenance Technol |
| Manufacturing & Skilled Trades | AAS  | 15.0699 | 963-12     | Occupational Safety            |
| Manufacturing & Skilled Trades | AAS  | 15.0899 | 956        | Mechanical Engineering Technol |
| Manufacturing & Skilled Trades | AAS  | 15.1302 | 729        | Comp-Aid Draft and Design Tech |
| Manufacturing & Skilled Trades | AAS  | 15.1302 | 729-01     | Comp Aided Drafting & Design   |
| Manufacturing & Skilled Trades | AAS  | 46.0302 | 841-01     | Electrical Tech: Program & Log |
| Manufacturing & Skilled Trades | AAS  | 46.0302 | 841-02     | Electrical Tech: Ind & Bus Mgt |
| Manufacturing & Skilled Trades | AAS  | 46.0302 | 841-03     | Electrical Tech: Renewable Ene |
| Manufacturing & Skilled Trades | AAS  | 46.0302 | 841-04     | Electrical Tech: Fiber & Data  |
| Manufacturing & Skilled Trades | AAS  | 46.0302 | 841-05     | Electrical Tech: Occup Safety  |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-01     | Maritime Tech: Electrical      |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-02     | Maritime Tech: Mechanical      |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-03     | Maritime Tech: Structural      |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-04     | Maritime Tech: HVAC            |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-05     | Maritime Tech: CAD             |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-06     | Maritime Tech: Industrial Mgmt |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-07     | Maritime Tech: Occupational Sa |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-08     | Maritime Tech: Pipefitter      |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-09     | Maritime Tech: Inside Machinis |
| Manufacturing & Skilled Trades | AAS  | 47.0000 | 746-10     | Maritime Tech: Trades Tech     |
| Manufacturing & Skilled Trades | AAS  | 47.0105 | 981        | Electronics Technology         |
| Manufacturing & Skilled Trades | AAS  | 47.0201 | 904        | HVAC/R                         |
| Manufacturing & Skilled Trades | AAS  | 47.0604 | 909        | Automotive Technology          |
| Manufacturing & Skilled Trades | AAS  | 47.0605 | 790-01     | Diesel Tech: Diesel Marine Tec |
| Manufacturing & Skilled Trades | AAS  | 47.0605 | 790-02     | Diesel Tech: Med/Heavy Truck   |
| Manufacturing & Skilled Trades | CERT | 15.1302 | 727        | Comp-Aid Draft and Design Tech |
| Manufacturing & Skilled Trades | CERT | 46.0302 | 942        | Electrical Wiring              |
| Manufacturing & Skilled Trades | CERT | 47.0201 | 903        | Air Cond. and Refrigeration    |
| Manufacturing & Skilled Trades | CERT | 48.0508 | 995        | Welding                        |
| Manufacturing & Skilled Trades | CSC  | 15.0201 | 221-915-01 | Land Surveying                 |
| Manufacturing & Skilled Trades | CSC  | 15.0613 | 221-736-01 | Mechatronics Trainee           |
| Manufacturing & Skilled Trades | CSC  | 15.0613 | 221-736-02 | Mechatronics Technician        |
| Manufacturing & Skilled Trades | CSC  | 15.0699 | 221-990-00 | Industrial Maintenance         |
| Manufacturing & Skilled Trades | CSC  | 15.0699 | 221-991-16 | Industrial Management          |
| Manufacturing & Skilled Trades | CSC  | 15.0699 | 221-991-50 | Occupational Safety            |
| Manufacturing & Skilled Trades | CSC  | 15.0699 | 221-991-51 | Quality Assurance              |
| Manufacturing & Skilled Trades | CSC  | 15.0899 | 221-953-10 | Marine Gasoline Engine Tech    |
| Manufacturing & Skilled Trades | CSC  | 15.0899 | 221-953-15 | Trade Technician               |
| Manufacturing & Skilled Trades | CSC  | 15.0899 | 221-953-20 | Marine Mechanical              |
| Manufacturing & Skilled Trades | CSC  | 15.0899 | 221-953-30 | Maritime Welding               |
| Manufacturing & Skilled Trades | CSC  | 15.0899 | 221-953-38 | Maritime Technologies          |
| Manufacturing & Skilled Trades | CSC  | 46.0000 | 221-917-01 | Construction Project Mgmt      |
| Manufacturing & Skilled Trades | CSC  | 46.0302 | 221-706-01 | Electrical Wiring              |
| Manufacturing & Skilled Trades | CSC  | 46.0302 | 221-706-10 | Marine Electrical              |
| Manufacturing & Skilled Trades | CSC  | 46.0302 | 221-706-30 | Fiber and Data Cabling Install |
| Manufacturing & Skilled Trades | CSC  | 46.0302 | 221-706-40 | Renewable Energy Technologies  |
| Manufacturing & Skilled Trades | CSC  | 46.0302 | 221-706-90 | {Mechatronics}                 |
| Manufacturing & Skilled Trades | CSC  | 47.0105 | 221-938-02 | Computer Numerical Controls Op |
| Manufacturing & Skilled Trades | CSC  | 47.0603 | 221-908-01 | Collision Repair Technology    |
| Manufacturing & Skilled Trades | CSC  | 47.0604 | 221-909-01 | {Automotive Eng Performance}   |
| Manufacturing & Skilled Trades | CSC  | 47.0604 | 221-909-02 | Automotive Trainee             |
| Manufacturing & Skilled Trades | CSC  | 47.0604 | 221-909-06 | {Automotive Powertrains}       |
| Manufacturing & Skilled Trades | CSC  | 47.0604 | 221-909-45 | {Automotive Electronics}       |
| Manufacturing & Skilled Trades | CSC  | 47.0604 | 221-909-67 | Auto Maint & Light Repair Tech |

|                                |     |         |            |                               |
|--------------------------------|-----|---------|------------|-------------------------------|
| Manufacturing & Skilled Trades | CSC | 47.0604 | 221-909-69 | Automotive Technician         |
| Manufacturing & Skilled Trades | CSC | 47.0605 | 221-920-02 | Diesel Engine Technician      |
| Manufacturing & Skilled Trades | CSC | 47.0605 | 221-920-20 | Diesel Marine Technician      |
| Manufacturing & Skilled Trades | CSC | 47.0605 | 221-920-52 | DSL Med/Heavy Truck Srvc Tech |
| Manufacturing & Skilled Trades | CSC | 48.0508 | 221-995-01 | Welding                       |
| Manufacturing & Skilled Trades | CSC | 48.0508 | 221-995-79 | Pipefitter                    |
| Manufacturing & Skilled Trades | CSC | 48.0599 | 221-952-03 | Inside Machinist              |
| Manufacturing & Skilled Trades | CSC | 48.0599 | 221-952-70 | Basic Machining               |
| Public Safety                  | AAS | 43.0103 | 400        | Criminal Justice              |
| Public Safety                  | AAS | 43.0103 | 400-01     | Forensic Science              |
| Public Safety                  | AAS | 43.0103 | 400-02     | Homeland Security             |
| Public Safety                  | AAS | 43.0103 | 400-03     | Criminal Justice - Public Law |
| Public Safety                  | AAS | 43.0203 | 427        | Fire Science Technology       |
| Public Safety                  | CSC | 43.0103 | 221-407-90 | Homeland Security             |
| Public Safety                  | CSC | 43.0103 | 221-456-01 | Public Law                    |
| Public Safety                  | CSC | 43.0103 | 221-463-01 | Law Enforcement               |
| Public Safety                  | CSC | 43.0203 | 221-427-05 | Fire Science Supervision      |
| Public Safety                  | CSC | 43.0406 | 221-405-43 | Forensic Science              |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Virginia Highlands

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0904  | 146            | Emerg. Med. Serv. Tech - Param |
| Health Care                    | AAS    | 51.0911  | 172            | Radiography                    |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | AAS    | 51.3801  | 156-01         | LPN to RN Bridge               |
| Health Care                    | CERT   | 51.0601  | 190-05         | Hlt Sciences Dental Assisting  |
| Health Care                    | CERT   | 51.0999  | 190            | Health Sciences                |
| Health Care                    | CERT   | 51.0999  | 190-01         | Hlt Sciences Nursing           |
| Health Care                    | CERT   | 51.0999  | 190-02         | Hlt Sciences Radiography       |
| Health Care                    | CERT   | 51.0999  | 190-03         | Health Sciences EMT            |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Medical Coding Specialist      |
| Health Care                    | CSC    | 51.0801  | 221-285-01     | Medical Assisting              |
| Health Care                    | CSC    | 51.0904  | 221-146-02     | Emer Med Tech Basic Plus       |
| Health Care                    | CSC    | 51.1599  | 221-146-03     | Advanced Emergency Medical Tec |
| Health Care                    | CSC    | 51.1599  | 221-636-04     | Child Development              |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Nurse Aide                     |
| Information Technology         | AAS    | 11.0101  | 299-01         | Info Sys Tech Networking       |
| Information Technology         | CSC    | 15.0303  | 221-732-00     | Networking Fundamentals I      |
| Information Technology         | CSC    | 15.0303  | 221-732-03     | Networking Fundamentals II     |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cyber Security                 |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | Early Childhood Education      |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-08     | Adv. Early Childhood Education |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 46.0302  | 841            | Electrical Technology          |
| Manufacturing & Skilled Trades | AAS    | 46.0302  | 841-01         | Electrical Tech - Mechatronics |
| Manufacturing & Skilled Trades | AAS    | 47.0201  | 904            | Air Cond, Refrigeration & Heat |
| Manufacturing & Skilled Trades | AAS    | 48.0599  | 950            | Computer Numerical Control     |
| Manufacturing & Skilled Trades | CERT   | 46.0302  | 942            | Electricity                    |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-03     | Applied Mechatronics           |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-05     | Advanced Mechatronics          |
| Manufacturing & Skilled Trades | CSC    | 15.0699  | 221-883-14     | Advanced Precision Machining   |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-01     | Practical Electrical Technicia |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-02     | Adv. Practical Electrical Tech |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-15     | Industrial Electricity         |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-20     | Refrigeration                  |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-21     | Commercial Refrigeration       |
| Manufacturing & Skilled Trades | CSC    | 47.0605  | 221-920-01     | Diesel Mechanic                |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-02     | Advanced Welding               |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-03     | Welding                        |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-03     | Precision Machining            |
| Public Safety                  | AAS    | 43.0103  | 464            | Criminal Justice               |
| Public Safety                  | CSC    | 43.0102  | 221-462-19     | Corrections                    |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Found. Criminal Just           |
| Public Safety                  | CSC    | 43.0103  | 221-463-01     | Law Enforcement                |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Virginia Peninsula

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0602  | 118            | Dental Hygiene                 |
| Health Care                    | AAS    | 51.0904  | 146            | Emergency Medical Services     |
| Health Care                    | AAS    | 51.1599  | 480            | Human Services                 |
| Health Care                    | AAS    | 51.3801  | 156            | Professional Nursing           |
| Health Care                    | CSC    | 51.0799  | 221-285-01     | Medical Office Assistant       |
| Health Care                    | CSC    | 51.0904  | 221-146-01     | Emergency Medical Technician   |
| Health Care                    | CSC    | 51.0904  | 221-146-05     | EMS/Intermediate to Paramedic  |
| Health Care                    | CSC    | 51.1599  | 221-480-30     | Substance Abuse Counselor Asst |
| Health Care                    | CSC    | 51.3901  | 221-157-04     | Healthcare Technician          |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 15.0303  | 941            | Electrical Engineering Tech    |
| Information Technology         | CSC    | 11.0801  | 221-352-02     | Web Design Specialist          |
| Information Technology         | CSC    | 15.0303  | 221-732-15     | Cybersecurity for Enterprise   |
| Information Technology         | CSC    | 15.0303  | 221-941-01     | Found of Elect Engine Tech     |
| Information Technology         | CSC    | 15.0303  | 221-941-02     | Electrical Engineer Technician |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Development    |
| Early Childhood Development    | CERT   | 19.0709  | 632            | Early Childhood Dev Assistant  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Child Development              |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-61     | Manag Early Childhood Programs |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-02         | Tech Studies/HVAC & Refrig     |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718-04         | Tech Studies/Engineering Tech  |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 956            | Mechanical Engineering Techn   |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 956-01         | MET/Marine Engineering         |
| Manufacturing & Skilled Trades | AAS    | 15.0899  | 956-02         | MET/Mechatronics               |
| Manufacturing & Skilled Trades | AAS    | 15.1302  | 729            | Computer-Aided Draft & Design  |
| Manufacturing & Skilled Trades | AAS    | 47.0604  | 909            | Automotive Technology          |
| Manufacturing & Skilled Trades | CERT   | 15.1302  | 727            | Computer-Aided Draft & Design  |
| Manufacturing & Skilled Trades | CERT   | 47.0201  | 903            | Air Condition & Refrigeration  |
| Manufacturing & Skilled Trades | CERT   | 47.0604  | 902            | Automotive Technology          |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Mechatronics Technology        |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | Computer-Aided Draft & Design  |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | Air Condition & Refrigeration  |
| Public Safety                  | AAS    | 43.0103  | 400            | Administration of Justice      |
| Public Safety                  | AAS    | 43.0203  | 427            | Fire ScienceTechnology         |
| Public Safety                  | CSC    | 43.0103  | 221-400-01     | Administration of Justice      |
| Public Safety                  | CSC    | 43.0103  | 221-400-45     | Foundation of Criminal Justice |
| Public Safety                  | CSC    | 43.0203  | 221-427-12     | Structural Firefighting        |

**Appendix 1. Approved G3 Programs by College  
Academic Programs**

college=Virginia Western

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0602  | 118            | Dental Hygiene                 |
| Health Care                    | AAS    | 51.0806  | 180            | Physical Therapist Assistant   |
| Health Care                    | AAS    | 51.0907  | 113            | Radiation Oncology             |
| Health Care                    | AAS    | 51.0909  | 171            | Surgical Technology            |
| Health Care                    | AAS    | 51.0911  | 172            | Radiography                    |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Technology  |
| Health Care                    | AAS    | 51.1599  | 480            | Human Services                 |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0602  | 221-118-01     | HP: Intro to Dental Hygiene    |
| Health Care                    | CSC    | 51.0707  | 221-152-03     | Medical Billing                |
| Health Care                    | CSC    | 51.0707  | 221-152-06     | Health Records Coding          |
| Health Care                    | CSC    | 51.0799  | 221-285-87     | Medical Office Specialist      |
| Health Care                    | CSC    | 51.0799  | 221-285-91     | Advanced Medical Office Spec   |
| Health Care                    | CSC    | 51.0806  | 221-180-01     | HP: Intro Phys Therapist Asst  |
| Health Care                    | CSC    | 51.0907  | 221-112-01     | HP: Intro Radiation Oncology   |
| Health Care                    | CSC    | 51.0909  | 221-159-01     | HP - Intro to Surg Tech        |
| Health Care                    | CSC    | 51.0911  | 221-172-01     | HP: Intro to Radiography       |
| Health Care                    | CSC    | 51.1004  | 221-151-01     | HP: Intro to Medical Lab Tech  |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy                     |
| Health Care                    | CSC    | 51.1599  | 221-480-44     | Foundations of Human Services  |
| Health Care                    | CSC    | 51.1599  | 221-480-46     | Adv Skills in Human Services   |
| Health Care                    | CSC    | 51.3801  | 221-156-02     | HP: Intro to Nursing           |
| Health Care                    | CSC    | 51.3901  | 221-157-02     | HP: Intro to Practical Nursing |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 11.0101  | 299-10         | IST: Database and Program Dev  |
| Information Technology         | AAS    | 11.0101  | 299-11         | IST: Cyber Security & Network  |
| Information Technology         | CSC    | 11.0101  | 221-299-12     | Database and Program Developer |
| Information Technology         | CSC    | 11.0101  | 221-299-23     | IT: Info Tech Support Analyst  |
| Information Technology         | CSC    | 11.0801  | 221-352-03     | Web Programmer                 |
| Information Technology         | CSC    | 15.0303  | 221-731-98     | Maintenance Technology         |
| Information Technology         | CSC    | 15.0303  | 221-732-02     | Network & Security Admin       |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | IT: Cyber Security             |
| Information Technology         | CSC    | 15.0303  | 221-732-12     | CISCO CCNA Networking          |
| Early Childhood Development    | AAS    | 19.0709  | 636            | Early Childhood Development    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-04     | Early Childhood Development    |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-06     | ECD - Infant and Toddler Care  |
| Early Childhood Development    | CSC    | 19.0709  | 221-636-10     | Early Childhood Dev Advanced   |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736            | Mechatronics Sys Engineer Tech |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736-01         | MSET-Design Engineering Tech   |
| Manufacturing & Skilled Trades | AAS    | 15.0613  | 736-02         | MSET-Electrical Engineer Tech  |
| Manufacturing & Skilled Trades | AAS    | 52.0499  | 298-03         | AMT- Medical Admin Management  |
| Manufacturing & Skilled Trades | CSC    | 15.0613  | 221-736-01     | Technology in Mechatronics     |
| Manufacturing & Skilled Trades | CSC    | 15.1302  | 221-729-01     | Computer Draft & Design (CAD)  |
| Manufacturing & Skilled Trades | CSC    | 41.0101  | 221-149-01     | Biotechnology                  |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-917-01     | Construction Management        |

|                                |     |         |            |                                |
|--------------------------------|-----|---------|------------|--------------------------------|
| Manufacturing & Skilled Trades | CSC | 46.0000 | 221-989-00 | Building Trades Technology     |
| Manufacturing & Skilled Trades | CSC | 46.0302 | 221-706-01 | Electrical Wiring              |
| Manufacturing & Skilled Trades | CSC | 46.0302 | 221-706-90 | Adv Technology in Mechatronics |
| Manufacturing & Skilled Trades | CSC | 47.0201 | 221-903-10 | Air Condition & Refrigeration  |
| Manufacturing & Skilled Trades | CSC | 47.0201 | 221-903-13 | Commercial HVAC/Refrigeration  |
| Manufacturing & Skilled Trades | CSC | 47.0604 | 221-909-01 | Automotive Analysis & Repair   |
| Manufacturing & Skilled Trades | CSC | 48.0508 | 221-995-47 | Welding & Metal Processing     |
| Public Safety                  | AAS | 43.0103 | 456        | Criminal Justice               |
| Public Safety                  | CSC | 43.0103 | 221-400-45 | Foundations - Criminal Justice |
| Public Safety                  | CSC | 43.0103 | 221-400-47 | AdvFoundations Criminal Justic |

## Appendix 1. Approved G3 Programs by College Academic Programs

college=Wytheville

| High Need Area                 | DEGREE | CIP Code | VCCS Plan Code | Plan Title                     |
|--------------------------------|--------|----------|----------------|--------------------------------|
| Health Care                    | AAS    | 51.0602  | 118            | Dental Hygiene                 |
| Health Care                    | AAS    | 51.0806  | 180            | Physical Therapist Assistant   |
| Health Care                    | AAS    | 51.1004  | 151            | Medical Laboratory Technology  |
| Health Care                    | AAS    | 51.3801  | 156            | Nursing                        |
| Health Care                    | CERT   | 51.0799  | 285            | Medical Office Clerk           |
| Health Care                    | CERT   | 51.3901  | 157            | Practical Nursing              |
| Health Care                    | CSC    | 51.0707  | 221-142-01     | Electronic Med Record Spec     |
| Health Care                    | CSC    | 51.0707  | 221-152-02     | Medical Coding                 |
| Health Care                    | CSC    | 51.0799  | 221-286-01     | Medical Transcriptionist       |
| Health Care                    | CSC    | 51.0805  | 221-190-08     | Pharmacy Tech                  |
| Health Care                    | CSC    | 51.1004  | 221-151-02     | Phlebotomy                     |
| Health Care                    | CSC    | 51.1599  | 221-480-30     | HMS Substance Abuse            |
| Information Technology         | AAS    | 11.0101  | 299            | Information Systems Technology |
| Information Technology         | AAS    | 11.0101  | 299-03         | IST Ethical Hack & Pen Test    |
| Information Technology         | CSC    | 11.0101  | 221-299-05     | Web Design and Office Appl     |
| Information Technology         | CSC    | 15.0303  | 221-732-09     | Cybersecurity & Network        |
| Manufacturing & Skilled Trades | AAS    | 15.0612  | 718            | Technical Studies              |
| Manufacturing & Skilled Trades | AAS    | 48.0599  | 950            | Machine Technology             |
| Manufacturing & Skilled Trades | CERT   | 48.0599  | 952            | Machine Tool Operations        |
| Manufacturing & Skilled Trades | CERT   | 52.0499  | 218            | Clerical Studies               |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-989-34     | Carpentry I                    |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-989-35     | Carpentry II                   |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-989-80     | Plumbing I                     |
| Manufacturing & Skilled Trades | CSC    | 46.0000  | 221-989-81     | Plumbing II                    |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-35     | Electrical I                   |
| Manufacturing & Skilled Trades | CSC    | 46.0302  | 221-942-36     | Electrical II                  |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-10     | HVAC I                         |
| Manufacturing & Skilled Trades | CSC    | 47.0201  | 221-903-12     | HVAC II                        |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-01     | Welding I                      |
| Manufacturing & Skilled Trades | CSC    | 48.0508  | 221-995-02     | Welding II                     |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-05     | Machine Tech I                 |
| Manufacturing & Skilled Trades | CSC    | 48.0599  | 221-952-06     | Machine Tech II                |
| Manufacturing & Skilled Trades | CSC    | 52.0499  | 221-218-01     | Clerical Assistant             |
| Manufacturing & Skilled Trades | DIPL   | 46.0000  | 745-01         | Carpentry                      |
| Manufacturing & Skilled Trades | DIPL   | 46.0000  | 745-02         | Electrical                     |
| Manufacturing & Skilled Trades | DIPL   | 46.0000  | 745-03         | Plumbing                       |
| Manufacturing & Skilled Trades | DIPL   | 46.0000  | 745-04         | HVAC                           |
| Manufacturing & Skilled Trades | DIPL   | 46.0000  | 745-05         | Alternative Energy Systems Tec |
| Public Safety                  | AAS    | 43.0102  | 462            | Corrections Science            |
| Public Safety                  | AAS    | 43.0103  | 400            | Criminal Justice               |
| Public Safety                  | CSC    | 43.0103  | 221-400-01     | Criminal Justice I             |
| Public Safety                  | CSC    | 43.0103  | 221-400-05     | Criminal Justice II            |
| Public Safety                  | CSC    | 43.0103  | 221-462-01     | Corrections Science I          |
| Public Safety                  | CSC    | 43.0103  | 221-462-02     | Corrections Science II         |

**Appendix 1. Approved G3 Programs by College  
WCG Programs**

college=Blue Ridge

| <b>Credential Code</b> | <b>Program Description</b>  |
|------------------------|---|
| AHE1                   | Heavy Equipment Operations - Level 1  |
| AHE2                   | Heavy Equipment Operations - Level 2  |
| CRCS                   | Certified Registered Central Service Technician                             |
| CMOP                   | Level 1 CNC Milling: Operations   |
| CTOP                   | Level 1 CNC Turning: Operations   |
| FCAW                   | Flux Core Arc Welding (FCAW)  |
| HAET                   | Advanced Emergency Medical Technician (AEMT) (VOEMS)                        |
| HCNA                   | Certified Nurse Aide (CNA)  |
| HEKT                   | EKG Technician (NHA)  |
| HEMT                   | Emergency Medical Technician (NREMT)  |
| HMAA                   | Certified Medical Administrative Assistant (CMAA)                           |
| HMAI                   | Medication Aide   |
| HMCA                   | Clinical Medical Assistant (NHA)  |
| HMCP                   | Certified Professional Coder (CPC)  |
| HNCT                   | Medical Assistant   |
| HPCT                   | Patient Care Technician   |
| HPHT                   | Pharmacy Technician (NHA)   |
| HPHV                   | Pharmacy Technician (PTCB)  |
| HPL2                   | Phlebotomy Technician (NHA)   |
| HPLT                   | Phlebotomy Technician (ASCP)  |
| HPT4                   | Phlebotomy Technician (NCCT)  |
| HRMA                   | Registered Medical Assistant (RMA)  |
| HSPD                   | Certified Sterile Processing and Distribution Technician                    |
| IACP                   | AWS Certified Cloud Practitioner (Foundational)                             |
| IJSD                   | JavaScript Developer Certificate  |
| IPHJ                   | Microsoft Technology Associate – HTML5 Application Development Fundamentals |
| ITAC                   | CompTIA A+  |
| ITNK                   | CompTIA Network+  |
| ITSC                   | CompTIA Security+   |
| MGMW                   | Gas Metal Arc Welding (GMAW)  |
| MGTW                   | Gas Tungsten Arc Welding (GTAW)   |
| MMST                   | Manufacturing Specialist (MS)   |
| MNC1                   | Turning Operations: Turning Chucking Skills                                 |
| MND1                   | Machining Level I: Drill Press Skills I                                     |
| MNJ1                   | Job Planning, Benchwork & Layout  |
| MNL1                   | Manual Milling Skills I   |
| MNM1                   | Measurement, Materials, and Safety  |
| MNS1                   | Machining Level 1: Grinding Skills I  |
| MNTB                   | Turning Operations: Turning Between Centers                                 |
| MNUT                   | Manufacturing Technician 1 (MT1)  |
| MPL1                   | Level 1 CNC Milling: Programming Setup & Operations                         |
| MSMW                   | Shielded Metal Arc Welding (SMAW)   |
| MWW                    | Certified Welder  |
| SSOI                   | IPC-A-610 Soldering   |



|      |                                   |
|------|-----------------------------------|
| SSOJ | J-STD-001 Soldering               |
| TRPC | Remote Pilot Airman Certification |
|      |                                   |

**Appendix 1. Approved G3 Programs by College  
WCG Programs**

college=Brightpoint

| <b>Credential Code</b> | <b>Program Description</b>  |
|------------------------|---|
| ABPI                   | Bridge Preservation for Inspectors                                      |
| ACMT                   | Certificate for Apartment Maintenance Technician                        |
| AHE1                   | Heavy Equipment Operations - Level 1                                    |
| ASBI                   | New Structures and Bridges for Inspectors                               |
| AWZT                   | Intermediate Work Zone Traffic Control Training & Flagger Certification |
| AWZR                   | Intermediate Work Zone Traffic Control & Flagger Certification Renewal  |
| BTIF                   | CompTIA IT Fundamentals   |
| CCSC                   | Core-Introductory Craft Skills  |
| CEL1                   | Electrical - Level 1  |
| CMAB                   | Clinical Medical Assistant (AMCA)                                       |
| CPL1                   | Plumbing - Level 1  |
| HBAC                   | Medical Coding & Billing Specialist                                     |
| HCNA                   | Certified Nurse Aide (CNA)  |
| HCPB                   | Certified Professional Coder (CPB)                                      |
| HEKG                   | EKG Technician (AMCA)   |
| HEKT                   | EKG Technician (NHA)  |
| HEMT                   | Emergency Medical Technician (NREMT)                                    |
| HMCA                   | Clinical Medical Assistant (NHA)  |
| HMCP                   | Certified Professional Coder (CPC)                                      |
| HPBT                   | Phlebotomy Technician (AMCA)  |
| HPHV                   | Pharmacy Technician (PTCB)  |
| HPL2                   | Phlebotomy Technician (NHA)   |
| HVC1                   | HVAC - Level 1  |
| IACP                   | AWS Certified Cloud Practitioner (Foundational)                         |
| IASA                   | AWS Certified Solutions Architect (Associate)                           |
| IASS                   | AWS Security Specialist   |
| ICLC                   | CompTIA Linux+  |
| IEC1                   | IEC Electrical Level 1  |
| IEC2                   | IEC Electrical Level 2  |
| IEC3                   | IEC Electrical Level 3  |
| IEC4                   | IEC Electrical Level 4  |
| ITAC                   | CompTIA A+  |
| ITNK                   | CompTIA Network+  |
| ITSC                   | CompTIA Security+   |
| LETC                   | Emergency Telecommunicator  |
| MLPC                   | Lean Practitioner Certification   |
| MMST                   | Manufacturing Specialist (MS)   |
| MNUT                   | Manufacturing Technician 1 (MT1)  |
| MPMT                   | Pharmaceutical Manufacturing Technician (Pharma MT)                     |

|      |   |
|------|---|
| PCAP | PCAP - Certified Associate in Python Programming  |
| TCMA | Central Mix Aggregate Plant                       |
| TCMA | Central Mix Aggregate Plant Certification Renewal |
| TDRK | Documentation & Record Keeping for Inspectors     |
| TPRC | Plan Reading for Inspectors                       |
| TRCD | Roadway Construction & Drainage for Inspectors    |
| TSBI | Structures & Bridges for Inspectors               |
| TSIN | Surveying for Inspectors                          |
| TSMI | Site Manager                                      |
|      |   |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Central Virginia

| Credential Code | Program Description                                  |
|-----------------|--|
| ABP1            | Backflow Prevention Device Certification             |
| ACMT            | Certificate for Apartment Maintenance Technician     |
| AHE1            | Heavy Equipment Operations - Level 1                 |
| AHE2            | Heavy Equipment Operations - Level 2                 |
| AHE3            | Heavy Equipment Operations - Level 3                 |
| BACP            | SHRM Certified Professional (SHRM-CP)                |
| BACS            | SHRM Senior Certified Professional (SCP)             |
| BTIF            | CompTIA IT Fundamentals                              |
| CCL1            | Carpentry - Level 1                                  |
| CCL2            | Carpentry - Level 2                                  |
| CCSC            | Core-Introductory Craft Skills                       |
| CEL1            | Electrical - Level 1                                 |
| CEL2            | Electrical - Level 2                                 |
| CEL3            | Electrical - Level 3                                 |
| CEL4            | Electrical - Level 4                                 |
| CMAB            | Clinical Medical Assistant (AMCA)                    |
| CPL1            | Plumbing - Level 1                                   |
| CPL2            | Plumbing - Level 2                                   |
| CPL3            | Plumbing - Level 3                                   |
| CPL4            | Plumbing - Level 4                                   |
| CWL1            | Welding - Level 1                                    |
| CWL2            | Welding - Level 2                                    |
| HAMS            | Apprentice Medical Scribe Professional (AMSP)        |
| HEKT            | EKG Technician (NHA)                                 |
| HEM0            | Advanced Emergency Medical Technician (AEMT) (NREMT) |
| HEMT            | Emergency Medical Technician (NREMT)                 |
| HMCA            | Clinical Medical Assistant (NHA)                     |
| HMCP            | Certified Professional Coder (CPC)                   |
| HPHV            | Pharmacy Technician (PTCB)                           |
| HPL2            | Phlebotomy Technician (NHA)                          |
| HPLT            | Phlebotomy Technician (ASCP)                         |
| HVC1            | HVAC - Level 1                                       |
| HVC2            | HVAC - Level 2                                       |
| HVC3            | HVAC - Level 3                                       |
| HVC4            | HVAC - Level 4                                       |
| ICCN            | CISCO Certified Network Associate                    |
| ITAC            | CompTIA A+   |
| ITNK            | CompTIA Network+                                     |
| ITSC            | CompTIA Security+                                    |

|      |   |
|------|---|
| MCL3 | Carpentry - Level 3                         |
| MCL4 | Carpentry - Level 4                         |
| MCPT | Certified Production Technician             |
| MMST | Manufacturing Specialist (MS)               |
| MNUT | Manufacturing Technician 1 (MT1)            |
| MSMW | Shielded Metal Arc Welding (SMAW)           |
| MWW  | Certified Welder                            |
| SITC | Solar Installation Technician Certification |
| SSPS | Solar Photovoltaic System Installer         |
|      |   |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Danville

| Credential Code | Program Description   |
|-----------------|---|
| ABP1            | Backflow Prevention Device Certification                        |
| BMTA            | Microsoft MTA Networking Fundamentals                           |
| CCSC            | Core-Introductory Craft Skills                                  |
| CEL1            | Electrical - Level 1  |
| CEL2            | Electrical - Level 2  |
| CEL3            | Electrical - Level 3  |
| CEL4            | Electrical - Level 4  |
| CETJ            | Electrical Journeyman   |
| CETL            | Electrical Tradesman License Renewal                            |
| CIM2            | Industrial Maintenance Mechanic - Level 2                       |
| CIM3            | Industrial Maintenance Mechanic - Level 3                       |
| CPLR            | Plumbing Tradesman License Renewal                              |
| CSM1            | Siemens Mechatronic Systems Certification Program Level 1       |
| CMOP            | Level 1 CNC Milling: Operations                                 |
| CTOP            | Level 1 CNC Turning: Operations                                 |
| CVTR            | HVAC Tradesman License Renewal                                  |
| HCNA            | Certified Nurse Aide (CNA)                                      |
| HEM0            | Advanced Emergency Medical Technician (AEMT) (NREMT)            |
| HEM2            | Emergency Medical Technician (VOEMS)                            |
| HEMI            | Emergency Medical Technician - Intermediate (VOEMS)             |
| HMAI            | Medication Aide   |
| ICCN            | CISCO Certified Network Associate                               |
| ICEN            | CISCO Certified Entry Networking Technician (CCENT)             |
| ICNP            | CISCO Certified Network Professional                            |
| ICSC            | CompTIA Server+   |
| IMST            | Microsoft MTA Server Administration Fundamentals                |
| ITAC            | CompTIA A+  |
| ITNK            | CompTIA Network+  |
| MCPT            | Certified Production Technician                                 |
| MGMW            | Gas Metal Arc Welding (GMAW)                                    |
| MGTW            | Gas Tungsten Arc Welding (GTAW)                                 |
| MIM1            | Industrial Maintenance Electrical and Instrumentation - Level 1 |
| MIM2            | Industrial Maintenance Electrical and Instrumentation - Level 2 |
| MIM3            | Industrial Maintenance Electrical and Instrumentation - Level 3 |
| MIM4            | Industrial Maintenance Electrical and Instrumentation - Level 4 |
| MMST            | Manufacturing Specialist (MS)                                   |
| MNM1            | Measurement, Materials, and Safety                              |
| MNUT            | Manufacturing Technician 1 (MT1)                                |
| MPL1            | Level 1 CNC Milling: Programming Setup & Operations             |

|      |   |
|------|---|
| MPL2 | Level 2 CNC Mill II                                 |
| MTL1 | Level 2 CNC Turning Skills II                       |
| MTM1 | Level 1 CNC Turning: Programming Setup & Operations |
| MWW  | Certified Welder                                    |
|      |   |

**Appendix 1. Approved G3 Programs by College  
WCG Programs**

college=Eastern Shore

| <b>Credential Code</b> | <b>Program Description</b>                    |
|------------------------|---|
| BTIF                   | CompTIA IT Fundamentals                       |
| CCSC                   | Core-Introductory Craft Skills                |
| CEL1                   | Electrical - Level 1                          |
| CEL2                   | Electrical - Level 2                          |
| HAMS                   | Apprentice Medical Scribe Professional (AMSP) |
| HCNA                   | Certified Nurse Aide (CNA)                    |
| HEKT                   | EKG Technician (NHA)                          |
| HPHV                   | Pharmacy Technician (PTCB)                    |
| HPT4                   | Phlebotomy Technician (NCCT)                  |
| ITAC                   | CompTIA A+                                    |
| ITNK                   | CompTIA Network+                              |
| ITSC                   | CompTIA Security+                             |



## Appendix 1. Approved G3 Programs by College WCG Programs

college=Germannanna

| Credential Code | Program Description                                  |
|-----------------|--|
| ACL1            | Construction Craft Laborer - Level 1                 |
| ACL2            | Construction Craft Laborer - Level 2                 |
| AHE1            | Heavy Equipment Operations - Level 1                 |
| AHE2            | Heavy Equipment Operations - Level 2                 |
| ABP1            | Backflow Prevention Device Certification             |
| BPM             | Project Management Professional (PMP)                |
| BTIF            | CompTIA IT Fundamentals                              |
| CCL1            | Carpentry - Level 1                                  |
| CCL2            | Carpentry - Level 2                                  |
| CEL1            | Electrical - Level 1                                 |
| CEL2            | Electrical - Level 2                                 |
| CEL3            | Electrical - Level 3                                 |
| CEL4            | Electrical - Level 4                                 |
| CCRL            | Contractor's License                                 |
| CCSC            | Core-Introductory Craft Skills                       |
| CIM1            | Industrial Maintenance Mechanic - Level 1            |
| CMOP            | Level 1 CNC Milling: Operations                      |
| CPL1            | Plumbing - Level 1                                   |
| CPL2            | Plumbing - Level 2                                   |
| CPL3            | Plumbing - Level 3                                   |
| CPL4            | Plumbing - Level 4                                   |
| CPMT            | Construction Project Management                      |
| FCAW            | Flux Core Arc Welding (FCAW)                         |
| HAET            | Advanced Emergency Medical Technician (AEMT) (VOEMS) |
| HBCH            | Certified Billing and Coding Specialist (CBCS)       |
| HCL             | Advanced Cardiovascular Life Support                 |
| HCNA            | Certified Nurse Aide (CNA)                           |
| HEMT            | Emergency Medical Technician (NREMT)                 |
| HMAA            | Certified Medical Administrative Assistant (CMAA)    |
| HMAI            | Medication Aide                                      |
| HMCA            | Clinical Medical Assistant (NHA)                     |
| HPT4            | Phlebotomy Technician (NCCT)                         |
| HVC1            | HVAC - Level 1                                       |
| HVC2            | HVAC - Level 2                                       |
| HVC3            | HVAC - Level 3                                       |
| HVC4            | HVAC - Level 4                                       |
| IACP            | AWS Certified Cloud Practitioner (Foundational)      |
| IASA            | AWS Certified Solutions Architect (Associate)        |
| ICCA            | CompTIA Cybersecurity Analyst (CYSA+)                |

|      |   |
|------|---|
| ICCN | CISCO Certified Network Associate                   |
| ICEH | Certified Ethical Hacker                            |
| ICEN | CISCO Certified Entry Networking Technician (CCENT) |
| ICLC | CompTIA Linux+                                      |
| ICSP | CompTIA Advanced Security Practitioner (CASP+)      |
| IEC1 | IEC Electrical Level 1                              |
| IEC2 | IEC Electrical Level 2                              |
| IEC3 | IEC Electrical Level 3                              |
| IEC4 | IEC Electrical Level 4                              |
| ITAC | CompTIA A+  |
| ITNK | CompTIA Network+                                    |
| MGMW | Gas Metal Arc Welding (GMAW)                        |
| MNJ1 | Job Planning, Benchwork & Layout                    |
| MNL1 | Manual Milling Skills I                             |
| MNM1 | Measurement, Materials, and Safety                  |
| MNTB | Turning Operations: Turning Between Centers         |
| MPL1 | Level 1 CNC Milling: Programming Setup & Operations |
| MSMW | Shielded Metal Arc Welding (SMAW)                   |
| TAF1 | VDOT Asphalt Field Level 1                          |
| TAF2 | VDOT Asphalt Field Level 2                          |
| TAP1 | VDOT Asphalt Plant Level 1                          |
| TAP2 | VDOT Asphalt Plant Level 2                          |
| TFR1 | VDOT Asphalt Field Level 1 Certification Renewal    |
| TFR2 | VDOT Asphalt Field Level 2 Certification Renewal    |
| TPR1 | VDOT Asphalt Plant Level 1 Certification Renewal    |
| TPR2 | VDOT Asphalt Plant Level 2 Certification Renewal    |
| TSAR | Asphalt - Surface Treatment Certification Renewal   |
| TSAT | Asphalt - Surface Treatment                         |
| TSSR | Asphalt - Slurry Surfacing Certification Renewal    |
| TSSS | Asphalt - Slurry Surfacing                          |
| TWFR | Work Zone Flagger Certification Renewal             |
| TWZF | Work Zone Flagger Certification                     |
|      |   |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Laurel Ridge

| Credential Code | Program Description                               |
|-----------------|---|
| AHE1            | Heavy Equipment Operations - Level 1              |
| AHE2            | Heavy Equipment Operations - Level 2              |
| BACP            | SHRM Certified Professional (SHRM-CP)             |
| BTIF            | CompTIA IT Fundamentals                           |
| CCL1            | Carpentry - Level 1                               |
| CCL2            | Carpentry - Level 2                               |
| CEL1            | Electrical - Level 1                              |
| CEL2            | Electrical - Level 2                              |
| CEL3            | Electrical - Level 3                              |
| CEL4            | Electrical - Level 4                              |
| CPL1            | Plumbing - Level 1                                |
| CPL2            | Plumbing - Level 2                                |
| CPL3            | Plumbing - Level 3                                |
| CPL4            | Plumbing - Level 4                                |
| CPMT            | Construction Project Management                   |
| HAMS            | Apprentice Medical Scribe Professional (AMSP)     |
| HCNA            | Certified Nurse Aide (CNA)                        |
| HMAA            | Certified Medical Administrative Assistant (CMAA) |
| HMAI            | Medication Aide                                   |
| HMCA            | Clinical Medical Assistant (NHA)                  |
| HPHT            | Pharmacy Technician (NHA)                         |
| HPL2            | Phlebotomy Technician (NHA)                       |
| HVC1            | HVAC - Level 1                                    |
| HVC2            | HVAC - Level 2                                    |
| HVC3            | HVAC - Level 3                                    |
| HVC4            | HVAC - Level 4                                    |
| IACP            | AWS Certified Cloud Practitioner (Foundational)   |
| ICCA            | CompTIA Cybersecurity Analyst (CYSA+)             |
| ICLC            | CompTIA Linux+                                    |
| ICSP            | CompTIA Advanced Security Practitioner (CASP+)    |
| ITAC            | CompTIA A+  |
| ITNK            | CompTIA Network+                                  |
| ITSC            | CompTIA Security+                                 |
| IV3F            | ITIL Foundation                                   |
| MACE            | AC Electricity                                    |
| MAFP            | Applied Fluid Power (Level 2)                     |
| MAMS            | Applied Mechanical Systems (Level 2)              |
| MAPL            | Applied PLC Technology II: Allen Bradley/Siemens  |
| MARO            | Applied Robotics (Level 2)                        |

|      |   |
|------|---|
| MFMS | Fundamentals of Mechanical Systems        |
| MFPL | Fundamentals of PLCs - Allen Bradley      |
| MNUT | Manufacturing Technician 1 (MT1)          |
| MPID | Applied Product ID Fundamentals (Level 2) |
| MPNE | Pneumatics Level 1                        |
| MROB | Fundamentals of Robotics                  |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Mountain Empire

| Credential Code | Program Description                                  |
|-----------------|--|
| AHE1            | Heavy Equipment Operations - Level 1                 |
| AHE2            | Heavy Equipment Operations - Level 2                 |
| CCSC            | Core-Introductory Craft Skills                       |
| CEL1            | Electrical - Level 1                                 |
| CEL2            | Electrical - Level 2                                 |
| CMOP            | Level 1 CNC Milling: Operations                      |
| CTOP            | Level 1 CNC Turning: Operations                      |
| CPL1            | Plumbing - Level 1                                   |
| CWL1            | Welding - Level 1                                    |
| CWL2            | Welding - Level 2                                    |
| HAET            | Advanced Emergency Medical Technician (AEMT) (VOEMS) |
| HCL             | Advanced Cardiovascular Life Support                 |
| HCNA            | Certified Nurse Aide (CNA)                           |
| HEMI            | Emergency Medical Technician - Intermediate (VOEMS)  |
| HEMP            | Paramedic  |
| HEMT            | Emergency Medical Technician (NREMT)                 |
| HPAL            | Pediatric Advanced Life Support                      |
| HPHV            | Pharmacy Technician (PTCB)                           |
| HVC1            | HVAC - Level 1                                       |
| MGMW            | Gas Metal Arc Welding (GMAW)                         |
| MGTW            | Gas Tungsten Arc Welding (GTAW)                      |
| MND1            | Machining Level I: Drill Press Skills I              |
| MNJ1            | Job Planning, Benchwork & Layout                     |
| MNM1            | Measurement, Materials, and Safety                   |
| MNS1            | Machining Level 1: Grinding Skills I                 |
| MPL1            | Level 1 CNC Milling: Programming Setup & Operations  |
| MTM1            | Level 1 CNC Turning: Programming Setup & Operations  |
| PLW1            | Power Line Worker 1                                  |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Mountain Gateway

| Credential Code | Program Description                                  |
|-----------------|--|
| CCSC            | Core-Introductory Craft Skills                       |
| CEL1            | Electrical - Level 1                                 |
| CEL2            | Electrical - Level 2                                 |
| CEL3            | Electrical - Level 3                                 |
| CEL4            | Electrical - Level 4                                 |
| CIM1            | Industrial Maintenance Mechanic - Level 1            |
| CIM2            | Industrial Maintenance Mechanic - Level 2            |
| CIM3            | Industrial Maintenance Mechanic - Level 3            |
| CIM4            | Industrial Maintenance Mechanic - Level 4            |
| CMAB            | Clinical Medical Assistant (AMCA)                    |
| CML1            | Millwright - Level 1                                 |
| CML2            | Millwright - Level 2                                 |
| CML3            | Millwright - Level 3                                 |
| CML4            | Millwright - Level 4                                 |
| CML5            | Millwright - Level 5                                 |
| CPF1            | Pipefitting - Level 1                                |
| CPF2            | Pipefitting - Level 2                                |
| CPF3            | Pipefitting - Level 3                                |
| CPF4            | Pipefitting - Level 4                                |
| FCAW            | Flux Core Arc Welding (FCAW)                         |
| HAET            | Advanced Emergency Medical Technician (AEMT) (VOEMS) |
| HCNA            | Certified Nurse Aide (CNA)                           |
| HEM0            | Advanced Emergency Medical Technician (AEMT) (NREMT) |
| HEM1            | Emergency Medical Responder                          |
| HEM2            | Emergency Medical Technician (VOEMS)                 |
| HEMI            | Emergency Medical Technician - Intermediate (VOEMS)  |
| HEMT            | Emergency Medical Technician (NREMT)                 |
| HMCA            | Clinical Medical Assistant (NHA)                     |
| HMGT            | Licensed Massage Therapist                           |
| HPHT            | Pharmacy Technician (NHA)                            |
| HPHV            | Pharmacy Technician (PTCB)                           |
| HPL2            | Phlebotomy Technician (NHA)                          |
| HPLT            | Phlebotomy Technician (ASCP)                         |
| HPTE            | Phlebotomy Technician (ASPT)                         |
| HVC1            | HVAC - Level 1                                       |
| HVC2            | HVAC - Level 2                                       |
| HVC3            | HVAC - Level 3                                       |
| HVC4            | HVAC - Level 4                                       |
| MGMW            | Gas Metal Arc Welding (GMAW)                         |

|      |                                   |
|------|-----------------------------------|
| MGTW | Gas Tungsten Arc Welding (GTAW)   |
| MNUT | Manufacturing Technician 1 (MT1)  |
| MSMW | Shielded Metal Arc Welding (SMAW) |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=New River

| Credential Code | Program Description                              |
|-----------------|--|
| ACMT            | Certificate for Apartment Maintenance Technician |
| AHE1            | Heavy Equipment Operations - Level 1             |
| AHE2            | Heavy Equipment Operations - Level 2             |
| BACP            | SHRM Certified Professional (SHRM-CP)            |
| BSYB            | Six Sigma Yellow Belt                            |
| CCSC            | Core-Introductory Craft Skills                   |
| CPL1            | Plumbing - Level 1                               |
| HCNA            | Certified Nurse Aide (CNA)                       |
| HEKT            | EKG Technician (NHA)                             |
| HMCA            | Clinical Medical Assistant (NHA)                 |
| HPHV            | Pharmacy Technician (PTCB)                       |
| HPL2            | Phlebotomy Technician (NHA)                      |
| M6SG            | Six Sigma Green Belt                             |
| MCPT            | Certified Production Technician                  |
| MMST            | Manufacturing Specialist (MS)                    |
| MNUT            | Manufacturing Technician 1 (MT1)                 |
| SITC            | Solar Installation Technician Certification      |



## Appendix 1. Approved G3 Programs by College WCG Programs

college=Northern Virginia

| Credential Code | Program Description                             |
|-----------------|---|
| AHE1            | Heavy Equipment Operations - Level 1            |
| AHEC            | EPA Section 608 Technician Certification        |
| BACP            | SHRM Certified Professional (SHRM-CP)           |
| BACS            | SHRM Senior Certified Professional (SCP)        |
| CCSC            | Core-Introductory Craft Skills                  |
| HBCH            | Certified Billing and Coding Specialist (CBCS)  |
| HCNA            | Certified Nurse Aide (CNA)                      |
| HMAI            | Medication Aide                                 |
| HMCA            | Clinical Medical Assistant (NHA)                |
| HMGT            | Licensed Massage Therapist                      |
| HPHT            | Pharmacy Technician (NHA)                       |
| HPHV            | Pharmacy Technician (PTCB)                      |
| HPL2            | Phlebotomy Technician (NHA)                     |
| IACP            | AWS Certified Cloud Practitioner (Foundational) |
| IASA            | AWS Certified Solutions Architect (Associate)   |
| ICCN            | CISCO Certified Network Associate               |
| ICDC            | CompTIA Data+                                   |
| ICEH            | Certified Ethical Hacker                        |
| ICLC            | CompTIA Linux+                                  |
| ITAC            | CompTIA A+                                      |
| ITNK            | CompTIA Network+                                |
| ITSC            | CompTIA Security+                               |
| MWW             | Certified Welder                                |
| TWZF            | Work Zone Flagger Certification                 |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Patrick & Henry

| Credential Code | Program Description   |
|-----------------|---|
| AHE1            | Heavy Equipment Operations - Level 1  |
| CCL1            | Carpentry - Level 1   |
| CCL2            | Carpentry - Level 2   |
| CCSC            | Core-Introductory Craft Skills  |
| CMOP            | Level 1 CNC Milling: Operations   |
| CPL1            | Plumbing - Level 1  |
| CPL2            | Plumbing - Level 2  |
| CPL3            | Plumbing - Level 3  |
| CPL4            | Plumbing - Level 4  |
| CPLC            | Siemens Automation Fundamentals Certificate                                     |
| CSM1            | Siemens Mechatronic Systems Certification Program Level 1                       |
| CTOP            | Level 1 CNC Turning: Operations   |
| HBCH            | Certified Billing and Coding Specialist (CBCS)                                  |
| HCNA            | Certified Nurse Aide (CNA)  |
| HMAI            | Medication Aide   |
| HMCA            | Clinical Medical Assistant (NHA)  |
| HMCP            | Certified Professional Coder (CPC)  |
| HPHV            | Pharmacy Technician (PTCB)  |
| HPL2            | Phlebotomy Technician (NHA)   |
| HVC1            | HVAC - Level 1  |
| HVC2            | HVAC - Level 2  |
| HVC3            | HVAC - Level 3  |
| HVC4            | HVAC - Level 4  |
| ICCN            | CISCO Certified Network Associate   |
| ICEN            | CISCO Certified Entry Networking Technician (CCENT)                             |
| MACE            | AC Electricity  |
| MAFP            | Applied Fluid Power (Level 2)   |
| MAIF            | Applied Industry 4.0 (Level 2)  |
| MAMS            | Applied Mechanical Systems (Level 2)  |
| MAPL            | Applied PLC Technology II: Allen Bradley/Siemens                                |
| MARO            | Applied Robotics (Level 2)  |
| MCIT            | Certified Industry 4.0 Technician - Applied (Level 2)                           |
| MCPT            | Certified Production Technician (CPT)   |
| MDCE            | DC Electricity (Fi4.0CP Level 1 - Industry 4.0 Fundamentals)                    |
| MFIF            | Fi4.0CP Level 1 - Industry 4.0 Fundamentals                                     |
| MFMS            | Fundamentals of Mechanical Systems  |
| MFPL            | Fundamentals of PLCs - Allen Bradley  |
| MFST            | Fundamentals of Sensor Technology (Fi4.0CP Level 1 - Industry 4.0 Fundamentals) |
| MGMW            | Gas Metal Arc Welding (GMAW)  |
| MGTW            | Gas Tungsten Arc Welding (GTAW)   |
| MHYD            | Hydraulics Level 1 (Fi4.0CP Level 1 - Industry 4.0 Fundamentals)                |
| MNC1            | Turning Operations: Turning Chucking Skills                                     |
| MNJ1            | Job Planning, Benchwork & Layout  |
| MNL1            | Manual Milling Skills I   |

|      |   |
|------|---|
| MNM1 | Measurement, Materials, and Safety        |
| MPID | Applied Product ID Fundamentals (Level 2) |
| MPIF | Power Industry Fundamentals               |
| MPNE | Pneumatics Level 1                        |
| MROB | Fundamentals of Robotics                  |
| PLW1 | Power Line Worker 1                       |
| TWZF | Work Zone Flagger Certification           |
|      |   |

**Appendix 1. Approved G3 Programs by College  
WCG Programs**

college=Paul D. Camp

| <b>Credential Code</b> | <b>Program Description</b>                                      |
|------------------------|---|
| ABP1                   | Backflow Prevention Device Certification                        |
| AHE1                   | Heavy Equipment Operations - Level 1                            |
| AHE2                   | Heavy Equipment Operations - Level 2                            |
| CCSC                   | Core-Introductory Craft Skills                                  |
| CRSP                   | Rigger and Signal Person  |
| CTCO                   | Tower Crane Operator  |
| HEKT                   | EKG Technician (NHA)  |
| HMAI                   | Medication Aide   |
| HMCA                   | Clinical Medical Assistant (NHA)                                |
| HPCT                   | Patient Care Technician   |
| HPL2                   | Phlebotomy Technician (NHA)                                     |
| ITAC                   | CompTIA A+  |
| ITNK                   | CompTIA Network+  |
| ITSC                   | CompTIA Security+   |
| MCLA                   | Certified Logistics Associate (CLA)                             |
| MIM1                   | Industrial Maintenance Electrical and Instrumentation - Level 1 |
| MIM2                   | Industrial Maintenance Electrical and Instrumentation - Level 2 |
| MIM3                   | Industrial Maintenance Electrical and Instrumentation - Level 3 |
| MIM4                   | Industrial Maintenance Electrical and Instrumentation - Level 4 |
| MMOM                   | Marine Trade Training: Outside Machinist Level 1                |
| MMTW                   | Marine Trade Training: Welding Level 1                          |
| MNUT                   | Manufacturing Technician 1 (MT1)                                |
| MTW2                   | Marine Trade Training: Welding Level 2                          |
| MTW3                   | Marine Trade Training: Welding Level 3                          |
| MWW                    | Certified Welder  |
| TCLT                   | Certified Logistics Technician (CLT)                            |
| TWZF                   | Work Zone Flagger Certification                                 |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Piedmont Virginia

| Credential Code | Program Description  |
|-----------------|--|
| ACL1            | Construction Craft Laborer - Level 1                         |
| ACL2            | Construction Craft Laborer - Level 2                         |
| ACMT            | Certificate for Apartment Maintenance Technician             |
| AESC            | ESCO System Diagnostics & Troubleshooting (Air Conditioning) |
| AFNR            | HVAC Excellence Employment Ready Certification               |
| AHE1            | Heavy Equipment Operations - Level 1                         |
| AHE2            | Heavy Equipment Operations - Level 2                         |
| AHE3            | Heavy Equipment Operations - Level 3                         |
| AHEC            | EPA Section 608 Technician Certification                     |
| CCSC            | Core-Introductory Craft Skills                               |
| CEL1            | Electrical - Level 1   |
| CEL2            | Electrical - Level 2   |
| CEL3            | Electrical - Level 3   |
| CEL4            | Electrical - Level 4   |
| CESC            | Electrical Systems Certification                             |
| CMOP            | Level 1 CNC Milling: Operations                              |
| CPL1            | Plumbing - Level 1   |
| CPL2            | Plumbing - Level 2   |
| CPL3            | Plumbing - Level 3   |
| CPL4            | Plumbing - Level 4   |
| CPVA            | Photovoltaic - Entry Level                                   |
| HCNA            | Certified Nurse Aide (CNA)                                   |
| HEKT            | EKG Technician (NHA)   |
| HMAI            | Medication Aide  |
| HMCA            | Clinical Medical Assistant (NHA)                             |
| HMMC            | Mammography Certification                                    |
| HPHV            | Pharmacy Technician (PTCB)                                   |
| HPL2            | Phlebotomy Technician (NHA)                                  |
| HPLT            | Phlebotomy Technician (ASCP)                                 |
| HSPT            | Sterile Processing Technician                                |
| HVC1            | HVAC - Level 1   |
| HVC2            | HVAC - Level 2   |
| HVC3            | HVAC - Level 3   |
| HVC4            | HVAC - Level 4   |
| ITAC            | CompTIA A+   |
| ITNK            | CompTIA Network+   |
| ITSC            | CompTIA Security+  |
| MGMW            | Gas Metal Arc Welding (GMAW)                                 |
| MGTW            | Gas Tungsten Arc Welding (GTAW)                              |

|      |   |
|------|---|
| MNJ1 | Job Planning, Benchwork & Layout                    |
| MNM1 | Measurement, Materials, and Safety                  |
| MPL1 | Level 1 CNC Milling: Programming Setup & Operations |
| MPL2 | Level 2 CNC Mill II                                 |
| MSMW | Shielded Metal Arc Welding (SMAW)                   |
| MWW  | Certified Welder                                    |
| SITC | Solar Installation Technician Certification         |
| SSOJ | J-STD-001 Soldering                                 |
| TCDE | Compact Diesel Engine Certification                 |
| TDHC | Driveline/Hydraulics Certification                  |
| TFSE | 4-Stroke Engine Repair Certification                |
| TTEC | 2-Stroke Engine Repair Certification                |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Rappahannock

| Credential Code | Program Description  |
|-----------------|--|
| CFOI            | Fiber Optic Installer  |
| FCAW            | Flux Core Arc Welding (FCAW)                                   |
| HCNA            | Certified Nurse Aide (CNA)                                     |
| HEMT            | Emergency Medical Technician (NREMT)                           |
| HMAA            | Certified Medical Administrative Assistant (CMAA)              |
| HMAI            | Medication Aide  |
| HMCA            | Clinical Medical Assistant (NHA)                               |
| HPHV            | Pharmacy Technician (PTCB)                                     |
| IAIII           | Adobe Certified Associate: Illustrator                         |
| IAIL            | Adobe Certified Associate: InDesign                            |
| IDCI            | Data Cabling Installer   |
| IPCC            | Adobe Certified Associate: Photoshop CC                        |
| MAPP            | ASME IX Pressure Pipe  |
| MGMW            | Gas Metal Arc Welding (GMAW)                                   |
| MGTW            | Gas Tungsten Arc Welding (GTAW)                                |
| MIBH            | Industrial Technology Maintenance - Basic Hydraulic Systems    |
| MIBP            | Industrial Technology Maintenance - Basic Pneumatic Systems    |
| MIEC            | Industrial Technology Maintenance - Electrical Control Systems |
| MNUT            | Manufacturing Technician 1 (MT1)                               |
| MPCS            | Industrial Technology Maintenance - Process Control Systems    |
| MPL1            | Level 1 CNC Milling: Programming Setup & Operations            |
| MSMW            | Shielded Metal Arc Welding (SMAW)                              |
| MTM1            | Level 1 CNC Turning: Programming Setup & Operations            |
| MWW             | Certified Welder   |
| SITC            | Solar Installation Technician Certification                    |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Southside Virginia

| Credential Code | Program Description                                 |
|-----------------|---|
| ABP1            | Backflow Prevention Device Certification            |
| CCSC            | Core-Introductory Craft Skills                      |
| CEL1            | Electrical - Level 1                                |
| CEL2            | Electrical - Level 2                                |
| CEL3            | Electrical - Level 3                                |
| CEL4            | Electrical - Level 4                                |
| CIM1            | Industrial Maintenance Mechanic - Level 1           |
| CIM2            | Industrial Maintenance Mechanic - Level 2           |
| CIM3            | Industrial Maintenance Mechanic - Level 3           |
| CIM4            | Industrial Maintenance Mechanic - Level 4           |
| CMOP            | Level 1 CNC Milling: Operations                     |
| CTOP            | Level 1 CNC Turning: Operations                     |
| CWL1            | Welding - Level 1                                   |
| CWL2            | Welding - Level 2                                   |
| CWL3            | Welding - Level 3                                   |
| HCNA            | Certified Nurse Aide (CNA)                          |
| HEMT            | Emergency Medical Technician (NREMT)                |
| HMAI            | Medication Aide                                     |
| HMGTT           | Licensed Massage Therapist                          |
| HPTE            | Phlebotomy Technician (ASPT)                        |
| HVC1            | HVAC - Level 1                                      |
| HVC2            | HVAC - Level 2                                      |
| HVC3            | HVAC - Level 3                                      |
| HVC4            | HVAC - Level 4                                      |
| ICCN            | CISCO Certified Network Associate                   |
| ICEN            | CISCO Certified Entry Networking Technician (CCENT) |
| ICI1            | ICT Cabling Installer 1 (INST1)                     |
| ICIC            | ICT Cabling Installer 2, Copper (INSTC)             |
| ICIO            | ICT Cabling Installer 2, Optical Fiber (INSTF)      |
| ICSC            | CompTIA Server+                                     |
| ICTC            | ICT Cabling Technician (TECH)                       |
| ITAC            | CompTIA A+  |
| ITNK            | CompTIA Network+                                    |
| ITSC            | CompTIA Security+                                   |
| MGMW            | Gas Metal Arc Welding (GMAW)                        |
| MND1            | Machining Level I: Drill Press Skills I             |
| MNJ1            | Job Planning, Benchwork & Layout                    |
| MNL1            | Manual Milling Skills I                             |
| MNM1            | Measurement, Materials, and Safety                  |
| MNS1            | Machining Level 1: Grinding Skills I                |



|      |  |
|------|--|
| MPIF | Power Industry Fundamentals  |
| MPL1 | Level 1 CNC Milling: Programming Setup & Operations                      |
| MTM1 | Level 1 CNC Turning: Programming Setup & Operations                      |
| OTIC | OpTIC Path - Optical Telecom Installer                                   |
| PLW1 | Power Line Worker 1  |
| SISP | Introduction to Solar Photovoltaics                                      |
| SSPS | Solar Photovoltaic System Installer                                      |
| THTB | ASE Entry-Level Medium/Heavy Truck Brakes                                |
| THTE | ASE Entry-Level Medium/Heavy Truck Electrical/Electronic Systems         |
| THTM | ASE Entry-Level Medium/Heavy Truck Inspection Maintenance & Minor Repair |
| TSP2 | S/P2 Heavy Duty/Diesel Technology Safety                                 |
| TTDE | ASE Entry-Level Medium/Heavy Truck Diesel Engines                        |
| TTSS | ASE Entry-Level Medium/Heavy Truck Suspension & Steering                 |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Southwest Virginia

| Credential Code | Program Description  |
|-----------------|--|
| AHE1            | Heavy Equipment Operations - Level 1                                     |
| AHE2            | Heavy Equipment Operations - Level 2                                     |
| BTIF            | CompTIA IT Fundamentals  |
| CCL1            | Carpentry - Level 1  |
| CCL2            | Carpentry - Level 2  |
| CCRL            | Contractor's License   |
| CCSC            | Core-Introductory Craft Skills   |
| CMA1            | Masonry - Level 1  |
| CPL1            | Plumbing - Level 1   |
| CPL2            | Plumbing - Level 2   |
| CPL3            | Plumbing - Level 3   |
| CPL4            | Plumbing - Level 4   |
| FCAW            | Flux Core Arc Welding (FCAW)   |
| HCNA            | Certified Nurse Aide (CNA)   |
| HNRN            | Registered Nurse (Return to Training, Non-credit)                        |
| HPHV            | Pharmacy Technician (PTCB)   |
| HPL2            | Phlebotomy Technician (NHA)  |
| HPLT            | Phlebotomy Technician (ASCP)   |
| ITAC            | CompTIA A+   |
| ITNK            | CompTIA Network+   |
| ITSC            | CompTIA Security+  |
| M6SG            | Six Sigma Green Belt   |
| MGMW            | Gas Metal Arc Welding (GMAW)   |
| MGTW            | Gas Tungsten Arc Welding (GTAW)  |
| MMST            | Manufacturing Specialist (MS)  |
| MNUT            | Manufacturing Technician 1 (MT1)   |
| MSMW            | Shielded Metal Arc Welding (SMAW)  |
| MYL2            | Masonry - Level 2  |
| THTB            | ASE Entry-Level Medium/Heavy Truck Brakes                                |
| THTE            | ASE Entry-Level Medium/Heavy Truck Electrical/Electronic Systems         |
| THTM            | ASE Entry-Level Medium/Heavy Truck Inspection Maintenance & Minor Repair |
| TTDE            | ASE Entry-Level Medium/Heavy Truck Diesel Engines                        |
| TTSS            | ASE Entry-Level Medium/Heavy Truck Suspension & Steering                 |
| TWZF            | Work Zone Flagger Certification  |

**Appendix 1. Approved G3 Programs by College  
WCG Programs**

college=Tidewater

| <b>Credential Code</b> | <b>Program Description</b>                                  |
|------------------------|---|
| APL1                   | Pipelayer - Level 1   |
| CEL1                   | Electrical - Level 1  |
| CEL2                   | Electrical - Level 2  |
| CCL1                   | Carpentry - Level 1   |
| CCL2                   | Carpentry - Level 2   |
| CCSC                   | Core-Introductory Craft Skills                              |
| CMCO                   | Mobile Crane Operator                                       |
| CMOP                   | Level 1 CNC Milling: Operations                             |
| CPL1                   | Plumbing - Level 1  |
| CPL2                   | Plumbing - Level 2  |
| CTOP                   | Level 1 CNC Turning: Operations                             |
| FCAW                   | Flux Core Arc Welding (FCAW)                                |
| HBCH                   | Certified Billing and Coding Specialist (CBCS)              |
| HEKT                   | EKG Technician (NHA)  |
| HMAA                   | Certified Medical Administrative Assistant (CMAA)           |
| HMCA                   | Clinical Medical Assistant (NHA)                            |
| HMCP                   | Certified Professional Coder (CPC)                          |
| HPL2                   | Phlebotomy Technician (NHA)                                 |
| HVC1                   | HVAC - Level 1  |
| HVC2                   | HVAC - Level 2  |
| ICIP                   | Certified Information Systems Security Professional (CISSP) |
| ISCP                   | Systems Security Certified Practitioner (SSCP)              |
| ITAC                   | CompTIA A+  |
| ITNK                   | CompTIA Network+  |
| ITSC                   | CompTIA Security+   |
| MCLA                   | Certified Logistics Associate (CLA)                         |
| MGMW                   | Gas Metal Arc Welding (GMAW)                                |
| MGTW                   | Gas Tungsten Arc Welding (GTAW)                             |
| MMPO                   | Maritime Pipefitting – Level 1                              |
| MMPT                   | Maritime Pipefitting – Level 2                              |
| MMSF                   | Maritime Structural Fitter – Level 1                        |
| MMSM                   | Marine Trade Training: Sheet Metal Level 1                  |
| MMTC                   | Marine Trade Training: Coatings Level 1                     |
| MMTP                   | Marine Trade Training: Pipefitting Level 1                  |
| MMTW                   | Marine Trade Training: Welding Level 1                      |
| MNJ1                   | Job Planning, Benchwork & Layout                            |
| MNM1                   | Measurement, Materials, and Safety                          |
| MPIP                   | Photovoltaic Installation Professional Certification        |
| MSFT                   | Maritime Structural Fitter – Level 2                        |

|      |  |
|------|--|
| MSF2 | Maritime Structural Fitter Level 2     |
| MSF3 | Maritime Structural Fitter Level 3     |
| MSMW | Shielded Metal Arc Welding (SMAW)      |
| MTW2 | Marine Trade Training: Welding Level 2 |
| MTW3 | Marine Trade Training: Welding Level 3 |
| MWW  | Certified Welder                       |
| OTIC | OpTIC Path - Optical Telecom Installer |
| TCLT | Certified Logistics Technician (CLT)   |
| TWZF | Work Zone Flagger Certification        |
|      |  |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Virginia Highlands

| Credential Code | Program Description                                       |
|-----------------|---|
| AHE1            | Heavy Equipment Operations - Level 1                      |
| AHEC            | EPA Section 608 Technician Certification                  |
| CCL1            | Carpentry - Level 1                                       |
| CCSC            | Core-Introductory Craft Skills                            |
| CFOT            | Certified Fiber Optic Technician                          |
| CMOP            | Level 1 CNC Milling: Operations                           |
| CPL1            | Plumbing - Level 1  |
| CPVA            | Photovoltaic - Entry Level                                |
| CSM1            | Siemens Mechatronic Systems Certification Program Level 1 |
| CTOP            | Level 1 CNC Turning: Operations                           |
| HBCH            | Certified Billing and Coding Specialist (CBCS)            |
| HCNA            | Certified Nurse Aide (CNA)                                |
| HPL2            | Phlebotomy Technician (NHA)                               |
| HPLT            | Phlebotomy Technician (ASCP)                              |
| M6SG            | Six Sigma Green Belt                                      |
| MCPT            | Certified Production Technician (CPT)                     |
| MNJ1            | Job Planning, Benchwork & Layout                          |
| MNM1            | Measurement, Materials, and Safety                        |
| SSYB            | Six Sigma Yellow Belt                                     |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Virginia Peninsula

| Credential Code | Program Description   |
|-----------------|---|
| CCSC            | Core-Introductory Craft Skills                              |
| CEL1            | Electrical - Level 1  |
| CEL2            | Electrical - Level 2  |
| CCL1            | Carpentry - Level 1   |
| CCL2            | Carpentry - Level 2   |
| CMA1            | Masonry - Level 1   |
| CMOP            | Level 1 CNC Milling: Operations                             |
| CPL1            | Plumbing - Level 1  |
| CPL2            | Plumbing - Level 2  |
| CPL3            | Plumbing - Level 3  |
| CPL4            | Plumbing - Level 4  |
| CTOP            | Level 1 CNC Turning: Operations                             |
| FCAW            | Flux Core Arc Welding (FCAW)                                |
| HBCH            | Certified Billing and Coding Specialist (CBCS)              |
| HCNA            | Certified Nurse Aide (CNA)                                  |
| HEKT            | EKG Technician (NHA)  |
| HMAA            | Certified Medical Administrative Assistant (CMAA)           |
| HMCA            | Clinical Medical Assistant (NHA)                            |
| HPHV            | Pharmacy Technician (PTCB)                                  |
| HPL2            | Phlebotomy Technician (NHA)                                 |
| HVC1            | HVAC - Level 1  |
| HVC2            | HVAC - Level 2  |
| ICEH            | Certified Ethical Hacker                                    |
| ICIP            | Certified Information Systems Security Professional (CISSP) |
| ITAC            | CompTIA A+  |
| ITNK            | CompTIA Network+  |
| ITSC            | CompTIA Security+   |
| MCLA            | Certified Logistics Associate (CLA)                         |
| MGMW            | Gas Metal Arc Welding (GMAW)                                |
| MGTW            | Gas Tungsten Arc Welding (GTAW)                             |
| MMST            | Manufacturing Specialist (MS)                               |
| MMTE            | Marine Trade Training: Electrical Level 1                   |
| MMTW            | Marine Trade Training: Welding Level 1                      |
| MNUT            | Manufacturing Technician 1 (MT1)                            |
| MPL1            | Level 1 CNC Milling: Programming Setup & Operations         |
| MSMW            | Shielded Metal Arc Welding (SMAW)                           |
| MTM1            | Level 1 CNC Turning: Programming Setup & Operations         |
| MTW2            | Marine Trade Training: Welding Level 2                      |
| MTW3            | Marine Trade Training: Welding Level 3                      |

|      |                                      |
|------|--------------------------------------|
| MWW  | Certified Welder                     |
| TCLT | Certified Logistics Technician (CLT) |
| TFMT | Facilities Maintenance               |
| TWZF | Work Zone Flagger Certification      |
|      |                                      |

## Appendix 1. Approved G3 Programs by College WCG Programs

college=Virginia Western

| Credential Code | Program Description                                       |
|-----------------|---|
| AHE1            | Heavy Equipment Operations - Level 1                      |
| BACP            | SHRM Certified Professional (SHRM-CP)                     |
| BACS            | SHRM Senior Certified Professional (SCP)                  |
| CCSC            | Core-Introductory Craft Skills                            |
| CMOP            | Level 1 CNC Milling: Operations                           |
| CTOP            | Level 1 CNC Turning: Operations                           |
| CSM1            | Siemens Mechatronic Systems Certification Program Level 1 |
| CWL1            | Welding - Level 1   |
| FCAW            | Flux Core Arc Welding (FCAW)                              |
| HBCH            | Certified Billing and Coding Specialist (CBCS)            |
| HCNA            | Certified Nurse Aide (CNA)                                |
| HEKT            | EKG Technician (NHA)                                      |
| HMAA            | Certified Medical Administrative Assistant (CMAA)         |
| HMAI            | Medication Aide   |
| HMCA            | Clinical Medical Assistant (NHA)                          |
| HPHV            | Pharmacy Technician (PTCB)                                |
| ITAC            | CompTIA A+  |
| ITNK            | CompTIA Network+  |
| ITSC            | CompTIA Security+   |
| MACE            | AC Electricity  |
| MCPT            | Certified Production Technician (CPT)                     |
| MFMS            | Fundamentals of Mechanical Systems                        |
| MGMW            | Gas Metal Arc Welding (GMAW)                              |
| MMT1            | Mechanical Torque   |
| MNJ1            | Job Planning, Benchwork & Layout                          |
| MNM1            | Measurement, Materials, and Safety                        |
| MNUT            | Manufacturing Technician 1 (MT1)                          |
| MPL1            | Level 1 CNC Milling: Programming Setup & Operations       |
| MPLC            | Introduction to PLC Programming                           |
| MPNE            | Pneumatics Level 1  |
| MROB            | Fundamentals of Robotics                                  |
| MWW             | Certified Welder  |
| TSCM            | PMI - Slide Caliper Measurement                           |



**Appendix 1. Approved G3 Programs by College  
WCG Programs**

college=Wytheville

| <b>Credential Code</b> | <b>Program Description</b>                                   |
|------------------------|--|
| BSYB                   | Six Sigma Yellow Belt  |
| CIM3                   | Industrial Maintenance Mechanic - Level 3                    |
| HCNA                   | Certified Nurse Aide (CNA)                                   |
| M6SG                   | Six Sigma Green Belt   |
| MGMW                   | Gas Metal Arc Welding (GMAW)                                 |
| MPIF                   | Power Industry Fundamentals                                  |
| MWW                    | Certified Welder   |
| PLW1                   | Power Line Worker 1  |
| PLWD                   | Power Line Worker: Distribution Level 2                      |
| TAE                    | ASE Entry-Level Certification: Electrical/Electronic Systems |
| TATB                   | ASE Entry-Level Certification: Brakes                        |
| TWZF                   | Work Zone Flagger Certification                              |

## Appendix 2. AY 2023 G3 student enrollments by college

|                              | Unduplicated<br>Students | Credit<br>Students | Noncredit<br>Students | Enrolled<br>both Credit<br>and<br>Noncredit |
|------------------------------|--------------------------|--------------------|-----------------------|---|
| <b>VCCS</b>                  | 12,594                   | 8,772              | 3,904                 | 82  |
| <b>Blue Ridge</b>            | 463                      | 249                | 222                   | 8   |
| <b>Brightpoint*</b>          | 1,233                    | 535                | 703                   | 5   |
| <b>Central Virginia</b>      | 476                      | 227                | 252                   | 3   |
| <b>Danville</b>              | 331                      | 313                | 19                    | 1   |
| <b>Eastern Shore</b>         | 136                      | 55                 | 82                    | 1   |
| <b>Germanna</b>              | 627                      | 509                | 119                   | 1   |
| <b>J. Sargeant Reynolds*</b> | 557                      | 557                | .                     | .   |
| <b>Laurel Ridge</b>          | 303                      | 158                | 146                   | 1   |
| <b>Mountain Empire</b>       | 420                      | 409                | 27                    | 16  |
| <b>Mountain Gateway</b>      | 183                      | 97                 | 90                    | 4   |
| <b>New River</b>             | 400                      | 362                | 42                    | 4   |
| <b>Northern Virginia</b>     | 2,093                    | 1,625              | 482                   | 14  |
| <b>Patrick &amp; Henry</b>   | 445                      | 227                | 221                   | 3   |
| <b>Paul D. Camp</b>          | 134                      | 84                 | 51                    | 1   |
| <b>Piedmont Virginia</b>     | 279                      | 206                | 74                    | 1   |
| <b>Rappahannock</b>          | 173                      | 126                | 49                    | 2   |
| <b>Southside Virginia</b>    | 273                      | 212                | 62                    | 1   |
| <b>Southwest Virginia</b>    | 564                      | 432                | 138                   | 6   |
| <b>Tidewater</b>             | 1,673                    | 1,130              | 547                   | 4   |
| <b>Virginia Highlands</b>    | 357                      | 276                | 82                    | 1   |
| <b>Virginia Peninsula</b>    | 608                      | 236                | 372                   | .   |
| <b>Virginia Western</b>      | 584                      | 546                | 42                    | 4   |
| <b>Wytheville</b>            | 282                      | 201                | 82                    | 1   |

\* Community Workforce Alliance. All noncredit enrollments appear under Brightpoint CC.

**Appendix 3. AY 2023 G3 enrollments in all programs of study  
VCCS**

|               |                    |             |                |   | Enrollments |
|---------------|--------------------|-------------|----------------|---|-------------|
|               |                    |             |                |   | Sum         |
| <b>Total</b>  |                    |             |                |   | 13,103      |
| <b>Credit</b> | <b>Health Care</b> | <b>AAS</b>  | <b>01.8301</b> | <b>Veterinary/Animal Health Technology/Technician and Veterinary Assistant</b>  | 93          |
|               |                    |             | <b>51.0602</b> | <b>Dental Hygiene/Hygienist</b>   | 72          |
|               |                    |             | <b>51.0707</b> | <b>Health Information/Medical Records Technology/Technician</b>                 | 55          |
|               |                    |             | <b>51.0803</b> | <b>Occupational Therapist Assistant</b>   | 32          |
|               |                    |             | <b>51.0806</b> | <b>Physical Therapy Assistant</b>   | 97          |
|               |                    |             | <b>51.0904</b> | <b>Emergency Medical Technology/Technician (EMT Paramedic)</b>                  | 196         |
|               |                    |             | <b>51.0907</b> | <b>Medical Radiologic Technology/Science - Radiation Therapist</b>              | 17          |
|               |                    |             | <b>51.0908</b> | <b>Respiratory Care Therapy/Therapist</b>                                       | 74          |
|               |                    |             | <b>51.0909</b> | <b>Surgical Technology/Technologist</b>   | 10          |
|               |                    |             | <b>51.0910</b> | <b>Diagnostic Medical Sonography/Sonographer and Ultrasound Technician</b>      | 36          |
|               |                    |             | <b>51.0911</b> | <b>Radiologic Technology/Science - Radiographer</b>                             | 87          |
|               |                    |             | <b>51.0999</b> | <b>Allied Health Diagnostic, Intervention, and Treatment Professions, Other</b> | 2           |
|               |                    |             | <b>51.1004</b> | <b>Clinical/Medical Laboratory Technician</b>                                   | 62          |
|               |                    |             | <b>51.1599</b> | <b>Mental and Social Health Services and Allied Professions, Other</b>          | 364         |
|               |                    |             | <b>51.1801</b> | <b>Opticianry/Ophthalmic Dispensing Optician</b>                                | 13          |
|               |                    |             | <b>51.3801</b> | <b>Registered Nursing/Registered Nurse</b>                                      | 966         |
|               |                    | <b>CERT</b> | <b>51.0601</b> | <b>Dental Assisting/Assistant</b>   | 36          |
|               |                    |             | <b>51.0799</b> | <b>Health and Medical Administrative Services, Other</b>                        | 26          |
|               |                    |             | <b>51.0801</b> | <b>Medical/Clinical Assistant</b>   | 8           |
|               |                    |             | <b>51.0904</b> | <b>Emergency Medical Technology/Technician (EMT Paramedic)</b>                  | 4           |
|               |                    |             | <b>51.0999</b> | <b>Allied Health Diagnostic, Intervention, and Treatment Professions, Other</b> | 407         |
|               |                    |             | <b>51.1501</b> | <b>Substance Abuse/Addiction Counseling</b>                                     | 15          |
|               |                    |             | <b>51.1599</b> | <b>Mental and Social Health Services and Allied Professions, Other</b>          | 3           |
|               |                    |             | <b>51.3501</b> | <b>Massage Therapy/Therapeutic Massage</b>                                      | 2           |
|               |                    |             | <b>51.3901</b> | <b>Licensed Practical/Vocational Nurse Training</b>                             | 250         |
|               |                    | <b>CSC</b>  | <b>01.8301</b> | <b>Veterinary/Animal Health Technology/Technician and Veterinary Assistant</b>  | 18          |
|               |                    |             | <b>51.0601</b> | <b>Dental Assisting/Assistant</b>   | 5           |
|               |                    |             | <b>51.0602</b> | <b>Dental Hygiene/Hygienist</b>   | 28          |
|               |                    |             | <b>51.0707</b> | <b>Health Information/Medical Records Technology/Technician</b>                 | 101         |
|               |                    |             | <b>51.0713</b> | <b>Medical Insurance Coding Specialist/Coder</b>                                | 2           |
|               |                    |             | <b>51.0799</b> | <b>Health and Medical Administrative Services, Other</b>                        | 32          |

|  |                        |                             |         |  |  |   |     |
|--|------------------------|-----------------------------|---------|--|--|---|-----|
|  |                        |                             | 51.0801 | Medical/Clinical Assistant   | 12   |   |     |
|  |                        |                             | 51.0805 | Pharmacy Technician/Assistant  | 12   |   |     |
|  |                        |                             | 51.0806 | Physical Therapy Assistant   | 10   |   |     |
|  |                        |                             | 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 27   |   |     |
|  |                        |                             | 51.0907 | Medical Radiologic Technology/Science - Radiation Therapist              | 2  |   |     |
|  |                        |                             | 51.0909 | Surgical Technology/Technologist   | 10   |   |     |
|  |                        |                             | 51.0911 | Radiologic Technology/Science - Radiographer                             | 21   |   |     |
|  |                        |                             | 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 435  |   |     |
|  |                        |                             | 51.1004 | Clinical/Medical Laboratory Technician                                   | 43   |   |     |
|  |                        |                             | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 2  |   |     |
|  |                        |                             | 51.1599 | Mental and Social Health Services and Allied Professions, Other          | 31   |   |     |
|  |                        |                             | 51.1801 | Opticianry/Ophthalmic Dispensing Optician                                | 1  |   |     |
|  |                        |                             | 51.2006 | Clinical and Industrial Drug Development                                 | 1  |   |     |
|  |                        |                             | 51.3501 | Massage Therapy/Therapeutic Massage                                      | 5  |   |     |
|  |                        |                             | 51.3801 | Registered Nursing/Registered Nurse                                      | 144  |   |     |
|  |                        |                             | 51.3901 | Licensed Practical/Vocational Nurse Training                             | 105  |   |     |
|  | Information Technology | AAS                         | 11.0101 | Computer and Information Sciences, General                               | 650  |   |     |
|  |                        |                             |         | 11.0103  | Information Technology   | 203   |     |
|  |                        |                             |         | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design                | 31  |     |
|  |                        |                             |         | 11.0901  | Computer Systems Networking and Telecommunications                           | 7   |     |
|  |                        |                             |         | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance     | 1,102   |     |
|  |                        |                             |         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 66  |     |
|  |                        |                             | AS      | 11.0103  | Information Technology   | 3   |     |
|  |                        |                             |         | 11.0701  | Computer Science   | 4   |     |
|  |                        |                             | CERT    | 11.0101  | Computer and Information Sciences, General                                   | 10  |     |
|  |                        |                             |         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 1   |     |
|  |                        |                             | CSC     | 11.0101  | Computer and Information Sciences, General                                   | 51  |     |
|  |                        |                             |         |  | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design                 | 20  |
|  |                        |                             |         |  | 11.1001  | Network and System Administration/Administrator                               | 5   |
|  |                        |                             |         |  | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance      | 39  |
|  |                        |                             |         |  | 11.1099  | Computer/Information Technology Services Administration and Management, Other | 17  |
|  |                        |                             |         |  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician  | 116 |
|  |                        | Early Childhood Development | AAS     | 19.0709  | Child Care Provider/Assistant  | 473   |     |
|  |                        |                             |         | AS   | 13.0101  | Education, General  | 1   |
|  |                        |                             |         | CERT   | 19.0709  | Child Care Provider/Assistant   | 36  |
|  |                        |                             |         | CSC  | 13.1210  | Early Childhood Education and Teaching  | 8   |

|                                |     |      |         |  |  |    |
|--------------------------------|-----|------|---------|--|--|----|
|                                |     |      | 19.0707 | Family and Community Services  | 1  |    |
|                                |     |      | 19.0709 | Child Care Provider/Assistant  | 50   |    |
| Manufacturing & Skilled Trades | AAS |      | 15.0000 | Engineering Technologies/Technicians, General  | 39   |    |
|                                |     |      | 15.0001 | Applied Engineering Technologies/Technicians   | 23   |    |
|                                |     |      | 15.0101 | Architectural Engineering Technologies/Technicians   | 8  |    |
|                                |     |      | 15.0201 | Civil Engineering Technologies/Technicians   | 17   |    |
|                                |     |      | 15.0599 | Environmental Control Technologies/Technicians, Other                                      | 33   |    |
|                                |     |      | 15.0612 | Industrial Technology/Technician   | 91   |    |
|                                |     |      | 15.0613 | Manufacturing Engineering Technology/Technician  | 73   |    |
|                                |     |      | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 9  |    |
|                                |     |      | 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 25   |    |
|                                |     |      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 41   |    |
|                                |     |      | 41.0101 | Biology/Biotechnology Technology/Technician  | 5  |    |
|                                |     |      | 46.0302 | Electrician  | 38   |    |
|                                |     |      | 47.0000 | Mechanics and Repairers, General   | 8  |    |
|                                |     |      | 47.0105 | Industrial Electronics Technology/Technician   | 97   |    |
|                                |     |      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 67   |    |
|                                |     |      | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 134  |    |
|                                |     |      | 47.0605 | Diesel Mechanics Technology/Technician   | 6  |    |
|                                |     |      | 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician                          | 9  |    |
|                                |     |      | 48.0599 | Precision Metal Working, Other   | 37   |    |
|                                |     |      | 52.0299 | Business Administration, Management and Operations, Other                                  | 3  |    |
|                                |     |      | 52.0499 | Business Operations Support and Secretarial Services, Other                                | 111  |    |
|                                |     |      | 52.2001 | Construction Management, General   | 42   |    |
|                                |     |      | AS      | 52.0201  | Business Administration and Management, General  | 1  |
|                                |     | CERT |         | 15.0699  | Industrial Production Technologies/Technicians, Other                                      | 2  |
|                                |     |      |         | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician                                      | 4  |
|                                |     |      |         | 46.0302  | Electrician  | 7  |
|                                |     |      |         | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 27 |
|                                |     |      |         | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                                      | 10 |
|                                |     |      |         | 47.0605  | Diesel Mechanics Technology/Technician   | 15 |
|                                |     |      |         | 48.0508  | Welding Technology/Welder  | 97 |
|                                |     | CSC  |         | 48.0599  | Precision Metal Working, Other   | 3  |
|                                |     |      |         | 15.0000  | Engineering Technologies/Technicians, General  | 8  |
|                                |     |      |         | 15.0201  | Civil Engineering Technologies/Technicians   | 3  |

|           |               |                  |                 |  |              |
|-----------|---------------|------------------|-----------------|--|--------------|
|           |               |                  | 15.0599         | Environmental Control Technologies/Technicians, Other                                      | 3            |
|           |               |                  | 15.0613         | Manufacturing Engineering Technology/Technician  | 4            |
|           |               |                  | 15.0699         | Industrial Production Technologies/Technicians, Other                                      | 8            |
|           |               |                  | 15.0899         | Mechanical Engineering Related Technologies/Technicians, Other                             | 3            |
|           |               |                  | 15.1302         | CAD/CADD Drafting and/or Design Technology/Technician                                      | 5            |
|           |               |                  | 15.9999         | Engineering/Engineering-Related Technologies/Technicians, Other                            | 4            |
|           |               |                  | 41.0101         | Biology/Biotechnology Technology/Technician  | 1            |
|           |               |                  | 46.0000         | Construction Trades, General   | 38           |
|           |               |                  | 46.0302         | Electrician  | 13           |
|           |               |                  | 46.0412         | Building/Construction Site Management/Manager  | 7            |
|           |               |                  | 47.0105         | Industrial Electronics Technology/Technician   | 1            |
|           |               |                  | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 41           |
|           |               |                  | 47.0603         | Autobody/Collision and Repair Technology/Technician  | 4            |
|           |               |                  | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                                      | 17           |
|           |               |                  | 47.0605         | Diesel Mechanics Technology/Technician   | 15           |
|           |               |                  | 48.0508         | Welding Technology/Welder  | 76           |
|           |               |                  | 48.0599         | Precision Metal Working, Other   | 5            |
|           |               | DIPL             | 46.0000         | Construction Trades, General   | 17           |
|           |               |                  | 47.0105         | Industrial Electronics Technology/Technician   | 38           |
|           |               |                  | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 16           |
|           |               |                  | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                                      | 40           |
|           |               |                  | 48.0508         | Welding Technology/Welder  | 23           |
|           |               |                  | 48.0599         | Precision Metal Working, Other   | 55           |
|           | Public Safety | AAS              | 43.0102         | Corrections  | 5            |
|           |               |                  | 43.0103         | Criminal Justice/Law Enforcement Administration  | 446          |
|           |               |                  | 43.0203         | Fire Science/Fire-fighting   | 9            |
|           |               |                  | 43.0406         | Forensic Science and Technology  | 8            |
|           |               | CERT             | 43.0103         | Criminal Justice/Law Enforcement Administration  | 7            |
|           |               |                  | 43.0116         | Cyber/Computer Forensics and Counterterrorism  | 1            |
|           |               |                  | 43.0199         | Corrections and Criminal Justice, Other  | 4            |
|           |               | CSC              | 43.0103         | Criminal Justice/Law Enforcement Administration  | 5            |
|           |               |                  | 43.0199         | Corrections and Criminal Justice, Other  | 5            |
|           |               |                  | 43.0203         | Fire Science/Fire-fighting   | 1            |
|           |               |                  | 43.0406         | Forensic Science and Technology  | 1            |
|           |               |                  | <b>Subtotal</b> |  | <b>8,887</b> |
| Noncredit | Program Area  | Degree/Cred Code | CIP             | CIP Description  |              |
|           | Health Care   | HAET             | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 4            |
|           |               | HAMS             | 51.0708         | Medical Transcription/Transcriptionist   | 4            |

|  |                        |      |         |  |     |
|--|------------------------|------|---------|--|-----|
|  |                        | HBCH | 51.0713 | Medical Insurance Coding Specialist/Coder                                | 195 |
|  |                        | HCL  | 51.9999 | Health Professions and Related Clinical Sciences, Other                  | 1   |
|  |                        | HCNA | 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                   | 351 |
|  |                        | HCPB | 51.0713 | Medical Insurance Coding Specialist/Coder                                | 42  |
|  |                        | HEKT | 51.0902 | Electrocardiograph Technology/Technician                                 | 66  |
|  |                        | HEM0 | 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 11  |
|  |                        | HEM2 | 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 1   |
|  |                        | HEMP | 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 1   |
|  |                        | HEMT | 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 22  |
|  |                        | HMAA | 51.0710 | Medical Office Assistant/Specialist                                      | 2   |
|  |                        |      | 51.0801 | Medical/Clinical Assistant   | 76  |
|  |                        | HMAI | 51.2603 | Medication Aide  | 37  |
|  |                        | HMCA | 51.0801 | Medical/Clinical Assistant   | 688 |
|  |                        | HMCP | 51.0713 | Medical Insurance Coding Specialist/Coder                                | 131 |
|  |                        | HMG  | 51.3501 | Massage Therapy/Therapeutic Massage                                      | 17  |
|  |                        | HPCT | 51.0801 | Medical/Clinical Assistant   | 10  |
|  |                        | HPHV | 51.0805 | Pharmacy Technician/Assistant  | 2   |
|  |                        | HPL2 | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 512 |
|  |                        | HPLT | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 43  |
|  |                        | HPT4 | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 36  |
|  |                        | HPTE | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 18  |
|  |                        | HSPT | 51.1012 | Sterile Processing Technology/Technician                                 | 4   |
|  |                        | LETC | 51.9999 | Health Professions and Related Clinical Sciences, Other                  | 1   |
|  | Information Technology | BTIF | 11.0101 | Computer and Information Sciences, General                               | 1   |
|  |                        |      | 11.0103 | Information Technology   | 53  |
|  |                        | IACP | 11.0902 | Cloud Computing  | 81  |
|  |                        | IASA | 11.0902 | Cloud Computing  | 18  |
|  |                        |      | 11.9999 | Computer and Information Sciences and Support Services, Other            | 2   |
|  |                        | ICCA | 11.0101 | Computer and Information Sciences, General                               | 6   |
|  |                        | ICDC | 11.0101 | Computer and Information Sciences, General                               | 12  |
|  |                        | ICEH | 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance | 11  |
|  |                        | ICLC | 11.0203 | Computer Programming, Vendor/Product Certification                       | 14  |
|  |                        | ICTP | 11.1005 | Information Technology Project Management                                | 5   |
|  |                        | ISPC | 11.0202 | Computer Programming, Specific Applications                              | 4   |
|  |                        | ITAC | 11.0101 | Computer and Information Sciences, General                               | 2   |
|  |                        |      | 11.0103 | Information Technology   | 292 |
|  |                        | ITNK | 11.0103 | Information Technology   | 52  |
|  |                        |      | 11.0901 | Computer Systems Networking and Telecommunications                       | 2   |
|  |                        | ITSC | 11.0103 | Information Technology   | 79  |

|                                |      |         |  |     |
|--------------------------------|------|---------|--|-----|
|                                |      | 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance                   | 2   |
|                                | IV3F | 11.0101 | Computer and Information Sciences, General   | 1   |
|                                | IWJS | 11.0202 | Computer Programming, Specific Applications  | 7   |
|                                |      | 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                              | 1   |
|                                | PCAP | 11.0202 | Computer Programming, Specific Applications  | 11  |
| Manufacturing & Skilled Trades | ACMT | 46.0401 | Building/Property Maintenance  | 6   |
|                                | AESC | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7   |
|                                | AHEC | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 11  |
|                                | BACP | 52.1001 | Human Resources Management/Personnel Administration, General                               | 2   |
|                                |      | 52.1005 | Human Resources Development  | 22  |
|                                | BACS | 52.1001 | Human Resources Management/Personnel Administration, General                               | 1   |
|                                |      | 52.1005 | Human Resources Development  | 6   |
|                                | CCL1 | 46.0201 | Carpentry/Carpenter  | 12  |
|                                | CCL2 | 46.0201 | Carpentry/Carpenter  | 1   |
|                                | CCRL | 15.1001 | Construction Engineering Technology/Technician   | 6   |
|                                | CCSC | 46.0000 | Construction Trades, General   | 251 |
|                                | CEL1 | 46.0302 | Electrician  | 98  |
|                                | CEL2 | 46.0302 | Electrician  | 11  |
|                                | CEL3 | 46.0302 | Electrician  | 11  |
|                                | CEL4 | 46.0302 | Electrician  | 1   |
|                                | CIM3 | 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 30  |
|                                |      | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
|                                | CMA1 | 46.0101 | Mason/Masonry  | 1   |
|                                | CMOP | 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 2   |
|                                |      | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
|                                | CPL1 | 46.0503 | Plumbing Technology/Plumber  | 6   |
|                                | CPL2 | 46.0503 | Plumbing Technology/Plumber  | 1   |
|                                | CPL3 | 46.0503 | Plumbing Technology/Plumber  | 1   |
|                                | CPMT | 46.0412 | Building/Construction Site Management/Manager  | 1   |
|                                | CPVA | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
|                                |      | 47.0703 | Solar Energy System Installation and Repair Technology/Technician                          | 1   |
|                                | CSM1 | 15.0407 | Mechatronics, Robotics, and Automation Engineering Technology/Technician                   | 1   |
|                                |      | 46.0302 | Electrician  | 11  |
|                                | CSSC | 52.0207 | Customer Service Management  | 1   |
|                                | CTOP | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 5   |
|                                | FCAW | 48.0508 | Welding Technology/Welder  | 127 |



|  |  |      |         |  |     |
|--|--|------|---------|--|-----|
|  |  | HVC1 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 105 |
|  |  | HVC2 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 12  |
|  |  | HVC3 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 11  |
|  |  | HVC4 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4   |
|  |  | MACE | 46.0302 | Electrician  | 2   |
|  |  |      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1   |
|  |  | MAPP | 48.0508 | Welding Technology/Welder  | 4   |
|  |  | MCLA | 52.0203 | Logistics, Materials, and Supply Chain Management  | 19  |
|  |  | MCPT | 15.0613 | Manufacturing Engineering Technology/Technician  | 1   |
|  |  |      | 48.0000 | Precision Production Trades, General   | 1   |
|  |  | MFIF | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 12  |
|  |  | MFMS | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
|  |  | MGMW | 48.0508 | Welding Technology/Welder  | 77  |
|  |  | MGTW | 48.0508 | Welding Technology/Welder  | 15  |
|  |  | MIM2 | 47.0101 | Electrical/Electronics Equipment Installation and Repair Technology/Technician, General    | 1   |
|  |  | MLPC | 52.0203 | Logistics, Materials, and Supply Chain Management  | 8   |
|  |  | MMST | 15.0613 | Manufacturing Engineering Technology/Technician  | 1   |
|  |  |      | 48.0000 | Precision Production Trades, General   | 1   |
|  |  | MMTE | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 16  |
|  |  | MMTW | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 4   |
|  |  | MNC1 | 15.0613 | Manufacturing Engineering Technology/Technician  | 1   |
|  |  |      | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
|  |  | MNJ1 | 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 2   |
|  |  |      | 48.0599 | Precision Metal Working, Other   | 2   |
|  |  | MNM1 | 48.0599 | Precision Metal Working, Other   | 7   |
|  |  | MNS1 | 48.0506 | Sheet Metal Technology/Sheetworking  | 2   |
|  |  | MPIF | 15.1701 | Energy Systems Technology/Technician   | 55  |
|  |  | MSMW | 48.0508 | Welding Technology/Welder  | 119 |
|  |  | MTW2 | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 5   |
|  |  | MTW3 | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 2   |
|  |  | MWW  | 48.0508 | Welding Technology/Welder  | 17  |
|  |  | PLW1 | 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 73  |
|  |  | PLWD | 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 2   |

|  |                 |      |         |   |              |
|--|-----------------|------|---------|---|--------------|
|  |                 | SITC | 47.0703 | Solar Energy System Installation and Repair Technology/Technician                       | 1            |
|  |                 | TAAE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 11           |
|  |                 | TFMT | 46.0401 | Building/Property Maintenance   | 12           |
|  |                 | THTB | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 12           |
|  |                 | THTE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 4            |
|  |                 | TSP2 | 47.0605 | Diesel Mechanics Technology/Technician  | 4            |
|  |                 | TTDE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 1            |
|  | Public Safety   | LETC | 43.9999 | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other | 19           |
|  | <b>Subtotal</b> |      |         |   | <b>4,216</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Blue Ridge

|                  |   |                               |                            |  | Enrollments                                |
|------------------|---|-------------------------------|----------------------------|--|--|
|                  |   |                               |                            |  | Sum  |
| <b>Total</b>     |   |                               |                            |  | 477  |
|                  | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>                 | <b>CIP Description</b>   |  |
| <b>Credit</b>    | <b>Health Care</b>                        | <b>AAS</b>                    | 01.8301                    | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 51   |
|                  |   |                               | 51.0904                    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 11   |
|                  |   |                               | 51.1599                    | Mental and Social Health Services and Allied Professions, Other              | 23   |
|                  |   |                               | 51.3801                    | Registered Nursing/Registered Nurse  | 31   |
|                  |   | <b>CERT</b>                   | 51.0904                    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 4  |
|                  |   | <b>CSC</b>                    | 01.8301                    | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 17   |
|                  |   |                               | 51.0707                    | Health Information/Medical Records Technology/Technician                     | 2  |
|                  |   |                               | 51.1599                    | Mental and Social Health Services and Allied Professions, Other              | 1  |
|                  |   |                               | 51.3901                    | Licensed Practical/Vocational Nurse Training                                 | 5  |
|                  |   | <b>Information Technology</b> | <b>AAS</b>                 | 11.0101  | Computer and Information Sciences, General |
|                  | 15.0303                                   |                               |                            | Electrical, Electronic, and Communications Engineering Technology/Technician | 8  |
|                  | <b>CSC</b>                                |                               | 15.0303                    | Electrical, Electronic, and Communications Engineering Technology/Technician | 1  |
|                  | <b>Early Childhood Development</b>        | <b>CSC</b>                    | 19.0709                    | Child Care Provider/Assistant  | 3  |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612                    | Industrial Technology/Technician   | 1  |
|                  |   |                               | 15.0613                    | Manufacturing Engineering Technology/Technician                              | 18   |
|                  |   |                               | 15.0899                    | Mechanical Engineering Related Technologies/Technicians, Other               | 8  |
|                  |   |                               | 47.0604                    | Automobile/Automotive Mechanics Technology/Technician                        | 11   |
|                  |   |                               | 47.0607                    | Airframe Mechanics and Aircraft Maintenance Technology/Technician            | 9  |
|                  | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                    | Criminal Justice/Law Enforcement Administration                              | 12   |
|                  | <b>Subtotal</b>                           |                               |                            |  |  |
| <b>Noncredit</b> | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>                 | <b>CIP Description</b>   |  |
|                  | <b>Health Care</b>                        | <b>HAET</b>                   | 51.0904                    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 4  |
|                  |   | <b>HCNA</b>                   | 51.3902                    | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 12   |
|                  |   | <b>HEKT</b>                   | 51.0902                    | Electrocardiograph Technology/Technician                                     | 9  |
|                  |   | <b>HMAA</b>                   | 51.0710                    | Medical Office Assistant/Specialist  | 1  |
|                  | 51.0801                                   |                               | Medical/Clinical Assistant | 12   |  |

|  |                        |                                |                           |  |                           |
|--|------------------------|--------------------------------|---------------------------|--|---------------------------|
|  |                        | HMAI                           | 51.2603                   | Medication Aide  | 7                         |
|  |                        | HMCA                           | 51.0801                   | Medical/Clinical Assistant   | 43                        |
|  |                        | HMCP                           | 51.0713                   | Medical Insurance Coding Specialist/Coder                                | 18                        |
|  |                        | HPCT                           | 51.0801                   | Medical/Clinical Assistant   | 9                         |
|  |                        | HPL2                           | 51.1009                   | Phlebotomy Technician/Phlebotomist                                       | 31                        |
|  | Information Technology | IACP                           | 11.0902                   | Cloud Computing  | 6                         |
|  |                        | ITAC                           | 11.0101                   | Computer and Information Sciences, General                               | 1                         |
|  |                        |                                | 11.0103                   | Information Technology   | 8                         |
|  |                        | ITNK                           | 11.0103                   | Information Technology   | 6                         |
|  |                        |                                | 11.0901                   | Computer Systems Networking and Telecommunications                       | 1                         |
|  |                        | ITSC                           | 11.0103                   | Information Technology   | 7                         |
|  |                        |                                | 11.1003                   | Computer and Information Systems Security/Auditing/Information Assurance | 1                         |
|  |                        | IWJS                           | 11.0202                   | Computer Programming, Specific Applications                              | 7                         |
|  |                        |                                | 11.0801                   | Web Page, Digital/Multimedia and Information Resources Design            | 1                         |
|  |                        | Manufacturing & Skilled Trades | FCAW                      | 48.0508  | Welding Technology/Welder |
|  | MGMW                   |                                | 48.0508                   | Welding Technology/Welder  | 6                         |
|  | MGTW                   |                                | 48.0508                   | Welding Technology/Welder  | 1                         |
|  | MNC1                   |                                | 15.0613                   | Manufacturing Engineering Technology/Technician                          | 1                         |
|  |                        |                                | 47.0303                   | Industrial Mechanics and Maintenance Technology/Technician               | 1                         |
|  | MNJ1                   |                                | 47.0302                   | Heavy Equipment Maintenance Technology/Technician                        | 1                         |
|  |                        |                                | 48.0599                   | Precision Metal Working, Other   | 1                         |
|  | MNM1                   |                                | 48.0599                   | Precision Metal Working, Other   | 4                         |
|  | MNS1                   |                                | 48.0506                   | Sheet Metal Technology/Sheetworking                                      | 2                         |
|  | MSMW                   | 48.0508                        | Welding Technology/Welder | 3  |                           |
|  | <b>Subtotal</b>        |                                |                           |  | <b>227</b>                |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Brightpoint

|               |   |                                    |                         |  | Enrollments  |     |
|---------------|---|------------------------------------|-------------------------|--|--|-----|
|               |   |                                    |                         |  | Sum  |     |
| <b>Total</b>  |   |                                    |                         |  | 1,302  |     |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>            | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b> | <b>Health Care</b>                        | AAS                                | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 3  |     |
|               |   |                                    | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 57   |     |
|               |   |                                    | 51.3801                 | Registered Nursing/Registered Nurse  | 219  |     |
|               |   | CERT                               | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 8  |     |
|               |   | CSC                                | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 12   |     |
|               |   |                                    | 51.2006                 | Clinical and Industrial Drug Development   | 1  |     |
|               |   |                                    | 51.3501                 | Massage Therapy/Therapeutic Massage  | 5  |     |
|               |   |                                    | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 5  |     |
|               |   | <b>Information Technology</b>      | AAS                     | 11.0101  | Computer and Information Sciences, General                                   | 62  |
|               |   |                                    |                         | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design                | 22  |
|               |   |                                    | CSC                     | 11.0101  | Computer and Information Sciences, General                                   | 14  |
|               |   |                                    |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 28  |
|               |   | <b>Early Childhood Development</b> | AAS                     | 19.0709  | Child Care Provider/Assistant  | 25  |
|               |   |                                    | CERT                    | 19.0709  | Child Care Provider/Assistant  | 2   |
|               | <b>Manufacturing &amp; Skilled Trades</b> | AAS                                | 15.0101                 | Architectural Engineering Technologies/Technicians   | 8  |     |
|               |   |                                    | 15.0612                 | Industrial Technology/Technician   | 1  |     |
|               |   |                                    | 15.0899                 | Mechanical Engineering Related Technologies/Technicians, Other                             | 5  |     |
|               |   |                                    | 46.0302                 | Electrician  | 12   |     |
|               |   | CERT                               | 48.0508                 | Welding Technology/Welder  | 3  |     |
|               |   |                                    | 48.0599                 | Precision Metal Working, Other   | 2  |     |
|               |   | CSC                                | 15.0201                 | Civil Engineering Technologies/Technicians   | 2  |     |
|               |   |                                    | 15.0699                 | Industrial Production Technologies/Technicians, Other                                      | 1  |     |
|               |   |                                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4  |     |
|               |   |                                    | 48.0508                 | Welding Technology/Welder  | 1  |     |
|               | <b>Public Safety</b>                      | AAS                                | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 40   |     |
|               | <b>Subtotal</b>                           |                                    |                         |  |  | 542 |
|               | <b>Noncredit</b>                          | <b>Program Area</b>                | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |     |
|               |   | <b>Health Care</b>                 | HCNA                    | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 138 |
|               |   |                                    | HCPB                    | 51.0713  | Medical Insurance Coding Specialist/Coder                                    | 42  |
|               |   |                                    | HEKT                    | 51.0902  | Electrocardiograph Technology/Technician                                     | 15  |

|                        |                                |         |   |  |                              |
|------------------------|--------------------------------|---------|---|--|------------------------------|
|                        |                                | HMCA    | 51.0801   | Medical/Clinical Assistant   | 145                          |
|                        |                                | HMCP    | 51.0713   | Medical Insurance Coding Specialist/Coder  | 80                           |
|                        |                                | HPL2    | 51.1009   | Phlebotomy Technician/Phlebotomist   | 68                           |
|                        |                                | LETC    | 51.9999   | Health Professions and Related Clinical Sciences, Other                                    | 1                            |
| Information Technology |                                | IACP    | 11.0902   | Cloud Computing  | 30                           |
|                        |                                | IASA    | 11.0902   | Cloud Computing  | 2                            |
|                        |                                |         | 11.9999   | Computer and Information Sciences and Support Services, Other                              | 1                            |
|                        |                                | ICLC    | 11.0203   | Computer Programming, Vendor/Product Certification   | 3                            |
|                        |                                | ITAC    | 11.0103   | Information Technology   | 81                           |
|                        |                                | ITNK    | 11.0103   | Information Technology   | 7                            |
|                        |                                |         | 11.0901   | Computer Systems Networking and Telecommunications   | 1                            |
|                        |                                | ITSC    | 11.0103   | Information Technology   | 24                           |
|                        |                                | PCAP    | 11.0202   | Computer Programming, Specific Applications  | 11                           |
|                        | Manufacturing & Skilled Trades |         | CCSC  | 46.0000  | Construction Trades, General |
|                        |                                | CEL1    | 46.0302   | Electrician  | 14                           |
|                        |                                | HVC1    | 47.0201   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 19                           |
|                        |                                |         |   |  |                              |
|                        |                                | MCLA    | 52.0203   | Logistics, Materials, and Supply Chain Management  | 9                            |
|                        |                                | MLPC    | 52.0203   | Logistics, Materials, and Supply Chain Management  | 8                            |
|                        |                                | MMST    | 15.0613   | Manufacturing Engineering Technology/Technician  | 1                            |
|                        | 48.0000                        |         | Precision Production Trades, General  | 1  |                              |
| Public Safety          | LETC                           | 43.9999 | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other | 19   |                              |
| <b>Subtotal</b>        |                                |         |   |  | <b>760</b>                   |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Central Virginia

|                               |   |                               |                         |  | Enrollments  |     |
|-------------------------------|---|-------------------------------|-------------------------|--|--|-----|
|                               |   |                               |                         |  | Sum  |     |
| <b>Total</b>                  |   |                               |                         |  | 524  |     |
|                               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b>                 | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 25   |     |
|                               |   |                               | 51.0908                 | Respiratory Care Therapy/Therapist   | 9  |     |
|                               |   |                               | 51.0911                 | Radiologic Technology/Science - Radiographer   | 13   |     |
|                               |   |                               | 51.1004                 | Clinical/Medical Laboratory Technician   | 4  |     |
|                               |   | <b>CSC</b>                    | 51.0707                 | Health Information/Medical Records Technology/Technician                                   | 13   |     |
|                               |   |                               | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 24   |     |
|                               |   | <b>Information Technology</b> | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General   | 22  |
|                               |   |                               |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician               | 11  |
|                               |   |                               | <b>CSC</b>              | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician               | 3   |
|                               |   |                               |                         |  |  | 5   |
|                               | <b>Early Childhood Development</b>        | <b>CERT</b>                   | 19.0709                 | Child Care Provider/Assistant  | 16   |     |
|                               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0613                 | Manufacturing Engineering Technology/Technician  | 1  |     |
|                               |   |                               | <b>CERT</b>             | 46.0302  | Electrician  | 2   |
|                               |   |                               |                         | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 38  |
|                               |   |                               |                         | 48.0508  | Welding Technology/Welder  | 1   |
|                               |   | <b>CSC</b>                    | 48.0599                 | Precision Metal Working, Other   | 1  |     |
|                               |   |                               | 15.0699                 | Industrial Production Technologies/Technicians, Other                                      | 1  |     |
|                               |   |                               | 46.0302                 | Electrician  | 1  |     |
|                               |   | <b>DIPL</b>                   | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  |     |
|                               |   |                               | 48.0508                 | Welding Technology/Welder  | 2  |     |
|                               |   |                               | 48.0599                 | Precision Metal Working, Other   | 24   |     |
|                               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 8  |     |
|                               | <b>Subtotal</b>                           |                               |                         |  |  | 228 |
|                               | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |     |
|                               |   | <b>Health Care</b>            | <b>HCNA</b>             | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 23  |
|                               |   |                               | <b>HEM0</b>             | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 11  |
|                               |   |                               | <b>HEMT</b>             | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 14  |
|                               |   |                               | <b>HMCA</b>             | 51.0801  | Medical/Clinical Assistant   | 69  |
| <b>HPLT</b>                   |   |                               | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 43   |     |
| <b>Information Technology</b> |   | <b>BTIF</b>                   | 11.0103                 | Information Technology   | 1  |     |

|                                |                 |         |  |    |
|--------------------------------|-----------------|---------|--|----|
| Manufacturing & Skilled Trades | BACP            | 52.1001 | Human Resources Management/Personnel Administration, General                               | 1  |
|                                |                 | 52.1005 | Human Resources Development  | 12 |
|                                | BACS            | 52.1001 | Human Resources Management/Personnel Administration, General                               | 1  |
|                                |                 | 52.1005 | Human Resources Development  | 6  |
|                                | CCSC            | 46.0000 | Construction Trades, General   | 47 |
|                                | CEL1            | 46.0302 | Electrician  | 29 |
|                                | CEL2            | 46.0302 | Electrician  | 4  |
|                                | CEL3            | 46.0302 | Electrician  | 6  |
|                                | CEL4            | 46.0302 | Electrician  | 1  |
|                                | CPL1            | 46.0503 | Plumbing Technology/Plumber  | 2  |
|                                | HVC1            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 21 |
|                                |                 |         |  | 1  |
|                                | HVC2            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |
|                                | HVC3            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4  |
|                                | <b>Subtotal</b> |         |  |    |



**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Danville

|               |   |                               |  |  | Enrollments   |     |
|---------------|---|-------------------------------|--|--|---|-----|
|               |   |                               |  |  | Sum   |     |
| <b>Total</b>  |   |                               |  |  | 335   |     |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>                                   | <b>CIP Description</b>   |   |     |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0999                                      | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 2   |     |
|               |   |                               | 51.3801                                      | Registered Nursing/Registered Nurse  | 19  |     |
|               |   | <b>CSC</b>                    | 51.0601                                      | Dental Assisting/Assistant   | 1   |     |
|               |   |                               | 51.0707                                      | Health Information/Medical Records Technology/Technician                                   | 3   |     |
|               |   |                               | 51.0799                                      | Health and Medical Administrative Services, Other  | 1   |     |
|               |   |                               | 51.0999                                      | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 14  |     |
|               |   |                               | 51.1004                                      | Clinical/Medical Laboratory Technician   | 8   |     |
|               |   | 51.3901                       | Licensed Practical/Vocational Nurse Training | 9  |   |     |
|               |   | <b>Information Technology</b> | <b>AAS</b>                                   | 11.0101  | Computer and Information Sciences, General              | 26  |
|               | <b>CSC</b>                                |                               | 11.0801                                      | Web Page, Digital/Multimedia and Information Resources Design                              | 1   |     |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709                                      | Child Care Provider/Assistant  | 49  |     |
|               |   | <b>CSC</b>                    | 19.0709                                      | Child Care Provider/Assistant  | 6   |     |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612                                      | Industrial Technology/Technician   | 8   |     |
|               |   |                               | 52.0499                                      | Business Operations Support and Secretarial Services, Other                                | 22  |     |
|               |   | <b>CERT</b>                   | 47.0201                                      | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1   |     |
|               |   |                               | 48.0508                                      | Welding Technology/Welder  | 1   |     |
|               |   | <b>CSC</b>                    | 48.0599                                      | Precision Metal Working, Other   | 2   |     |
|               |   | <b>DIPL</b>                   | 47.0105                                      | Industrial Electronics Technology/Technician   | 38  |     |
|               |   |                               | 47.0201                                      | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 16  |     |
|               |   |                               | 47.0604                                      | Automobile/Automotive Mechanics Technology/Technician                                      | 18  |     |
|               |   |                               | 48.0508                                      | Welding Technology/Welder  | 18  |     |
|               |   |                               | 48.0599                                      | Precision Metal Working, Other   | 31  |     |
|               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                                      | Criminal Justice/Law Enforcement Administration  | 19  |     |
|               |   | <b>CERT</b>                   | 43.0103                                      | Criminal Justice/Law Enforcement Administration  | 2   |     |
|               |   |                               | 43.0116                                      | Cyber/Computer Forensics and Counterterrorism  | 1   |     |
|               | <b>Subtotal</b>                           |                               |  |  |   | 316 |
|               | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b>                      | <b>CIP</b>   | <b>CIP Description</b>                                  |     |
|               |   | <b>Health Care</b>            | <b>HCNA</b>                                  | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide  | 3   |
|               |   |                               | <b>HEM2</b>                                  | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic) | 1   |

|                                |      |         |                           |           |
|--------------------------------|------|---------|---------------------------|-----------|
| Information Technology         | ITNK | 11.0103 | Information Technology    | 6         |
| Manufacturing & Skilled Trades | MGMW | 48.0508 | Welding Technology/Welder | 8         |
|                                | MGTW | 48.0508 | Welding Technology/Welder | 1         |
| <b>Subtotal</b>                |      |         |                           | <b>19</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Eastern Shore

|                                |                                |                         |                         |  | Enrollments   |    |
|--------------------------------|--------------------------------|-------------------------|-------------------------|--|---|----|
|                                |                                |                         |                         |  | Sum   |    |
| <b>Total</b>                   |                                |                         |                         |  | 140   |    |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |   |    |
| <b>Credit</b>                  | Health Care                    | CERT                    | 51.0801                 | Medical/Clinical Assistant   | 8   |    |
|                                |                                |                         | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 17  |    |
|                                |                                | CSC                     | 51.0707                 | Health Information/Medical Records Technology/Technician                                   | 2   |    |
|                                |                                |                         | 51.0799                 | Health and Medical Administrative Services, Other  | 1   |    |
|                                |                                |                         | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 7   |    |
|                                | Information Technology         | AAS                     | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2   |    |
|                                |                                | CSC                     | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1   |    |
|                                | Early Childhood Development    | AAS                     | 19.0709                 | Child Care Provider/Assistant  | 8   |    |
|                                | Manufacturing & Skilled Trades | AAS                     | 15.0612                 | Industrial Technology/Technician   | 3   |    |
|                                |                                |                         | CERT                    | 15.0699  | Industrial Production Technologies/Technicians, Other | 2  |
|                                |                                | CSC                     | 48.0508                 | Welding Technology/Welder  | 1   |    |
|                                |                                |                         | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2   |    |
|                                |                                |                         | 48.0508                 | Welding Technology/Welder  | 1   |    |
|                                | Public Safety                  | CSC                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 1   |    |
|                                | <b>Subtotal</b>                |                         |                         |  |   | 56 |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                                |    |
|                                |                                | Health Care             | HAMS                    | 51.0708  | Medical Transcription/Transcriptionist                | 4  |
| HCNA                           |                                |                         | 51.3902                 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 14  |    |
| HPT4                           |                                |                         | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 36  |    |
| Information Technology         |                                | ITAC                    | 11.0103                 | Information Technology   | 4   |    |
|                                |                                | ITNK                    | 11.0103                 | Information Technology   | 4   |    |
|                                |                                | ITSC                    | 11.0103                 | Information Technology   | 6   |    |
| Manufacturing & Skilled Trades |                                | CCSC                    | 46.0000                 | Construction Trades, General   | 16  |    |
| <b>Subtotal</b>                |                                |                         |                         |  | 84  |    |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Germanna

|   |   |                               |                             |  | Enrollments                                |     |
|---|---|-------------------------------|-----------------------------|--|--|-----|
|   |   |                               |                             |  | Sum  |     |
| <b>Total</b>                              |   |                               |                             |  | 652  |     |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>                  | <b>CIP Description</b>   |  |     |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0806                     | Physical Therapy Assistant   | 12   |     |
|   |   |                               | 51.3801                     | Registered Nursing/Registered Nurse  | 85   |     |
|   |   | <b>CERT</b>                   | 51.0601                     | Dental Assisting/Assistant   | 7  |     |
|   |   |                               | 51.3901                     | Licensed Practical/Vocational Nurse Training                                 | 17   |     |
|   |   |                               |                             |  | 1  |     |
|   |   | <b>CSC</b>                    | 51.0904                     | Emergency Medical Technology/Technician (EMT Paramedic)                      | 124  |     |
|   |   |                               | 51.0999                     | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 3  |     |
|   |   |                               | 51.1599                     | Mental and Social Health Services and Allied Professions, Other              | 7  |     |
|   |   |                               | 51.3901                     | Licensed Practical/Vocational Nurse Training                                 | 50   |     |
|   |   | <b>Information Technology</b> | <b>AAS</b>                  | 11.0101  | Computer and Information Sciences, General | 131 |
|   | 11.1003                                   |                               |                             | Computer and Information Systems Security/Auditing/Information Assurance     | 4  |     |
|   | <b>CSC</b>                                |                               | 11.0101                     | Computer and Information Sciences, General                                   | 5  |     |
|   |   |                               | 15.0303                     | Electrical, Electronic, and Communications Engineering Technology/Technician | 28   |     |
|   | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709                     | Child Care Provider/Assistant  | 4  |     |
|   |   | <b>CSC</b>                    | 19.0709                     | Child Care Provider/Assistant  | 2  |     |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612                     | Industrial Technology/Technician   | 3  |     |
|   |   | <b>CSC</b>                    | 15.0000                     | Engineering Technologies/Technicians, General                                | 2  |     |
|   |   |                               | 15.1302                     | CAD/CADD Drafting and/or Design Technology/Technician                        | 2  |     |
|   |   |                               | 47.0604                     | Automobile/Automotive Mechanics Technology/Technician                        | 10   |     |
|   | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                     | Criminal Justice/Law Enforcement Administration                              | 25   |     |
|   |   | <b>CERT</b>                   | 43.0103                     | Criminal Justice/Law Enforcement Administration                              | 2  |     |
|   | <b>Subtotal</b>                           |                               |                             |  |  | 522 |
|   | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b>     | <b>CIP</b>   | <b>CIP Description</b>                     |     |
| <b>Health Care</b>                        |   | <b>HMCA</b>                   | 51.0801                     | Medical/Clinical Assistant   | 13   |     |
|   |   |                               |                             |  | 1  |     |
| <b>Information Technology</b>             |   | <b>BTIF</b>                   | 11.0101                     | Computer and Information Sciences, General                                   | 33   |     |
|   |   |                               | 11.0103                     | Information Technology   | 3  |     |
|   |   |                               | 11.0103                     | Information Technology   | 46   |     |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CCSC</b>                   | 46.0000                     | Construction Trades, General   | 15   |     |
|   |   | <b>CEL1</b>                   | 46.0302                     | Electrician  | 1  |     |
|   | 46.0302                                   |                               | Electrician                 | 1  |  |     |
|   | 46.0503                                   |                               | Plumbing Technology/Plumber | 1  |  |     |

|  |  |                 |         |  |            |
|--|--|-----------------|---------|--|------------|
|  |  | HVC1            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 9          |
|  |  | HVC2            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3          |
|  |  | HVC3            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2          |
|  |  | MNM1            | 48.0599 | Precision Metal Working, Other   | 3          |
|  |  | <b>Subtotal</b> |         |  | <b>130</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=J. Sargeant Reynolds

|               |   |                               |            |  | Enrollments                                |
|---------------|---|-------------------------------|------------|--|--|
|               |   |                               |            |  | Sum  |
| <b>Total</b>  |   |                               |            |  | 561  |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b> | <b>CIP Description</b>   |  |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 12   |
|               |   |                               | 51.0908    | Respiratory Care Therapy/Therapist   | 20   |
|               |   |                               | 51.1004    | Clinical/Medical Laboratory Technician                                       | 22   |
|               |   |                               | 51.1599    | Mental and Social Health Services and Allied Professions, Other              | 43   |
|               |   |                               | 51.1801    | Opticianry/Ophthalmic Dispensing Optician                                    | 13   |
|               |   |                               | 51.3801    | Registered Nursing/Registered Nurse  | 62   |
|               |   | <b>CERT</b>                   | 51.0601    | Dental Assisting/Assistant   | 18   |
|               |   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 7  |
|               |   |                               |            |  |  |
|               |   | <b>CSC</b>                    | 51.0707    | Health Information/Medical Records Technology/Technician                     | 18   |
|               |   |                               | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 6  |
|               |   |                               | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 114  |
|               |   |                               | 51.1599    | Mental and Social Health Services and Allied Professions, Other              | 10   |
|               |   |                               | 51.1801    | Opticianry/Ophthalmic Dispensing Optician                                    | 1  |
|               |   | <b>Information Technology</b> | <b>AAS</b> | 11.0101  | Computer and Information Sciences, General |
|               | <b>CSC</b>                                |                               |            | 11.0101  | Computer and Information Sciences, General |
|               |   |                               | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician | 12   |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709    | Child Care Provider/Assistant  | 50   |
|               |   | <b>CERT</b>                   | 19.0709    | Child Care Provider/Assistant  | 5  |
|               |   | <b>CSC</b>                    | 19.0709    | Child Care Provider/Assistant  | 5  |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0000    | Engineering Technologies/Technicians, General                                | 8  |
|               |   | <b>CERT</b>                   | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                        | 8  |
|               |   |                               | 47.0605    | Diesel Mechanics Technology/Technician                                       | 15   |
|               |   | <b>CSC</b>                    | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                        | 1  |
|               |   |                               | 48.0508    | Welding Technology/Welder  | 7  |
|               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103    | Criminal Justice/Law Enforcement Administration                              | 18   |
|               | <b>Subtotal</b>                           |                               |            |  |  |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Laurel Ridge

|                               |   |                               |                         |  | Enrollments                                |     |
|-------------------------------|---|-------------------------------|-------------------------|--|--|-----|
|                               |   |                               |                         |  | Sum  |     |
| <b>Total</b>                  |   |                               |                         |  | 304  |     |
|                               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b>                 | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0707                 | Health Information/Medical Records Technology/Technician                     | 24   |     |
|                               |   |                               | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2  |     |
|                               |   |                               | 51.0909                 | Surgical Technology/Technologist   | 1  |     |
|                               |   |                               | 51.1004                 | Clinical/Medical Laboratory Technician                                       | 2  |     |
|                               |   |                               | 51.3801                 | Registered Nursing/Registered Nurse  | 25   |     |
|                               |   | <b>CERT</b>                   | 51.0799                 | Health and Medical Administrative Services, Other                            | 12   |     |
|                               |   |                               | 51.3901                 | Licensed Practical/Vocational Nurse Training                                 | 9  |     |
|                               |   | <b>CSC</b>                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                      | 1  |     |
|                               |   |                               | 51.3901                 | Licensed Practical/Vocational Nurse Training                                 | 5  |     |
|                               |   | <b>Information Technology</b> | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General | 15  |
|                               | 11.1003                                   |                               |                         | Computer and Information Systems Security/Auditing/Information Assurance     | 32   |     |
|                               | <b>CSC</b>                                |                               | 11.0101                 | Computer and Information Sciences, General                                   | 1  |     |
|                               |   |                               | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician | 1  |     |
|                               | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709                 | Child Care Provider/Assistant  | 16   |     |
|                               |   | <b>CSC</b>                    | 19.0709                 | Child Care Provider/Assistant  | 1  |     |
|                               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0000                 | Engineering Technologies/Technicians, General                                | 6  |     |
|                               |   |                               | 15.0612                 | Industrial Technology/Technician   | 1  |     |
|                               | <b>Public Safety</b>                      | <b>CERT</b>                   | 43.0103                 | Criminal Justice/Law Enforcement Administration                              | 2  |     |
|                               | <b>Subtotal</b>                           |                               |                         |  |  | 156 |
|                               | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                     |     |
| <b>Health Care</b>            |   | <b>HMAA</b>                   | 51.0801                 | Medical/Clinical Assistant   | 1  |     |
|                               |   |                               | 51.2603                 | Medication Aide  | 1  |     |
|                               |   |                               | 51.0801                 | Medical/Clinical Assistant   | 18   |     |
|                               |   |                               | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 15   |     |
| <b>Information Technology</b> |   | <b>BTIF</b>                   | 11.0103                 | Information Technology   | 16   |     |
|                               |   |                               | <b>ICCA</b>             | 11.0101  | Computer and Information Sciences, General | 6   |
|                               |   | <b>ICLC</b>                   | 11.0203                 | Computer Programming, Vendor/Product Certification                           | 1  |     |
|                               |   |                               | <b>ICTP</b>             | 11.1005  | Information Technology Project Management  | 5   |
|                               |   | <b>ITAC</b>                   | 11.0103                 | Information Technology   | 7  |     |
|                               |   | <b>ITNK</b>                   | 11.0103                 | Information Technology   | 6  |     |
|                               |   | <b>ITSC</b>                   | 11.0103                 | Information Technology   | 4  |     |
|                               |   |                               | 11.1003                 | Computer and Information Systems Security/Auditing/Information Assurance     | 1  |     |

|                                |                 |         |  |    |
|--------------------------------|-----------------|---------|--|----|
|                                | IV3F            | 11.0101 | Computer and Information Sciences, General   | 1  |
| Manufacturing & Skilled Trades | CEL1            | 46.0302 | Electrician  | 23 |
|                                | CEL2            | 46.0302 | Electrician  | 4  |
|                                | CEL3            | 46.0302 | Electrician  | 4  |
|                                | CPL1            | 46.0503 | Plumbing Technology/Plumber  | 4  |
|                                | CPL3            | 46.0503 | Plumbing Technology/Plumber  | 1  |
|                                | CPMT            | 46.0412 | Building/Construction Site Management/Manager  | 1  |
|                                | HVC1            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 13 |
|                                | HVC2            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  |
|                                | HVC3            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4  |
|                                | HVC4            | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3  |
|                                | MACE            | 46.0302 | Electrician  | 2  |
|                                |                 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |
|                                | MFMS            | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1  |
|                                | <b>Subtotal</b> |         |  |    |



**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Mountain Empire

|               |   |                               |            |  | Enrollments  |  |
|---------------|---|-------------------------------|------------|--|--|--|
|               |   |                               |            |  | Sum  |  |
| <b>Total</b>  |   |                               |            |  | 447  |  |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b> | <b>CIP Description</b>   |  |  |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0707    | Health Information/Medical Records Technology/Technician                                   | 10   |  |
|               |   |                               | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 11   |  |
|               |   |                               | 51.0908    | Respiratory Care Therapy/Therapist   | 20   |  |
|               |   |                               | 51.3801    | Registered Nursing/Registered Nurse  | 39   |  |
|               |   | <b>CERT</b>                   | 51.0601    | Dental Assisting/Assistant   | 9  |  |
|               |   |                               | 51.0799    | Health and Medical Administrative Services, Other  | 7  |  |
|               |   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training   | 36   |  |
|               |   | <b>CSC</b>                    | 51.0601    | Dental Assisting/Assistant   | 4  |  |
|               |   |                               | 51.0707    | Health Information/Medical Records Technology/Technician                                   | 1  |  |
|               |   |                               | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 92   |  |
|               |   |                               | 51.1004    | Clinical/Medical Laboratory Technician   | 11   |  |
|               |   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training   | 1  |  |
|               |   | <b>Information Technology</b> | <b>AAS</b> | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 10   |
|               |   |                               |            | <b>CSC</b>   | 11.0101  | Computer and Information Sciences, General |
|               |   |                               | 15.0303    |  | Electrical, Electronic, and Communications Engineering Technology/Technician | 6  |
|               | <b>Early Childhood Development</b>        | <b>CSC</b>                    | 19.0709    | Child Care Provider/Assistant  | 11   |  |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0599    | Environmental Control Technologies/Technicians, Other                                      | 33   |  |
|               |   |                               | 15.0612    | Industrial Technology/Technician   | 25   |  |
|               |   |                               | 15.0699    | Industrial Production Technologies/Technicians, Other                                      | 3  |  |
|               |   |                               | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                                      | 6  |  |
|               |   |                               | 52.0499    | Business Operations Support and Secretarial Services, Other                                | 13   |  |
|               |   | <b>CERT</b>                   | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3  |  |
|               |   |                               | 48.0508    | Welding Technology/Welder  | 5  |  |
|               |   | <b>CSC</b>                    | 15.0599    | Environmental Control Technologies/Technicians, Other                                      | 3  |  |
|               |   |                               | 46.0000    | Construction Trades, General   | 35   |  |
|               |   |                               | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |  |
|               |   |                               | 48.0508    | Welding Technology/Welder  | 8  |  |
|               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0102    | Corrections  | 4  |  |
|               |   |                               | 43.0103    | Criminal Justice/Law Enforcement Administration  | 12   |  |

|                  |   |                         |                |  |           |
|------------------|---|-------------------------|----------------|--|-----------|
|                  | <b>Subtotal</b>                           |                         |                |  | 420       |
| <b>Noncredit</b> | <b>Program Area</b>                       | <b>Degree/Cred Code</b> | <b>CIP</b>     | <b>CIP Description</b>   |           |
|                  | <b>Health Care</b>                        | <b>HCL</b>              | <b>51.9999</b> | <b>Health Professions and Related Clinical Sciences, Other</b>           | 1         |
|                  |   | <b>HEMP</b>             | <b>51.0904</b> | <b>Emergency Medical Technology/Technician (EMT Paramedic)</b>           | 1         |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>CCSC</b>             | <b>46.0000</b> | <b>Construction Trades, General</b>                                      | 1         |
|                  |   | <b>PLW1</b>             | <b>46.0301</b> | <b>Electrical and Power Transmission Installation/Installer, General</b> | 24        |
|                  | <b>Subtotal</b>                           |                         |                |  | <b>27</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Mountain Gateway

|                                |                                |                         |                         |  | Enrollments  |           |           |
|--------------------------------|--------------------------------|-------------------------|-------------------------|--|--|-----------|-----------|
|                                |                                |                         |                         |  | Sum  |           |           |
| <b>Total</b>                   |                                |                         |                         |  | 195  |           |           |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |  |           |           |
| <b>Credit</b>                  | Health Care                    | AAS                     | 51.3801                 | Registered Nursing/Registered Nurse  | 28   |           |           |
|                                |                                | CERT                    | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 30   |           |           |
|                                |                                |                         | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 11   |           |           |
|                                | Information Technology         | AAS                     | 11.0101                 | Computer and Information Sciences, General   | 10   |           |           |
|                                |                                | CSC                     | 11.0101                 | Computer and Information Sciences, General   | 1  |           |           |
|                                | Early Childhood Development    | CSC                     | 19.0709                 | Child Care Provider/Assistant  | 1  |           |           |
|                                | Manufacturing & Skilled Trades | AAS                     | 47.0105                 | Industrial Electronics Technology/Technician   | 10   |           |           |
|                                |                                | CERT                    | 48.0508                 | Welding Technology/Welder  | 6  |           |           |
|                                |                                | CSC                     | 15.0699                 | Industrial Production Technologies/Technicians, Other                                      | 1  |           |           |
|                                |                                |                         | 46.0302                 | Electrician  | 1  |           |           |
|                                | <b>Subtotal</b>                |                         |                         |  |  | <b>99</b> |           |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                                 |           |           |
|                                |                                | Health Care             | HCNA                    | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide | 21        |           |
| HEMT                           |                                |                         | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 8  |           |           |
| HMCA                           |                                |                         | 51.0801                 | Medical/Clinical Assistant   | 13   |           |           |
| HMG1                           |                                |                         | 51.3501                 | Massage Therapy/Therapeutic Massage  | 12   |           |           |
| HPL2                           |                                |                         | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 20   |           |           |
| Manufacturing & Skilled Trades |                                | CCSC                    | 46.0000                 | Construction Trades, General   | 5  |           |           |
|                                |                                | CEL1                    | 46.0302                 | Electrician  | 1  |           |           |
|                                |                                | CEL3                    | 46.0302                 | Electrician  | 1  |           |           |
|                                |                                | CIM3                    | 47.0302                 | Heavy Equipment Maintenance Technology/Technician  | 1  |           |           |
|                                |                                |                         |                         | Industrial Mechanics and Maintenance Technology/Technician                                 | 1  |           |           |
|                                |                                | HVC1                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  |           |           |
|                                |                                | HVC2                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |           |           |
|                                |                                | HVC3                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |           |           |
|                                |                                | HVC4                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |           |           |
|                                |                                | MGMW                    | 48.0508                 | Welding Technology/Welder  | 1  |           |           |
|                                |                                | MGTW                    | 48.0508                 | Welding Technology/Welder  | 4  |           |           |
|                                |                                | <b>Subtotal</b>         |                         |  |  |           | <b>96</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=New River

|               |   |                               |                         |  | Enrollments  |     |
|---------------|---|-------------------------------|-------------------------|--|--|-----|
|               |   |                               |                         |  | Sum  |     |
| <b>Total</b>  |   |                               |                         |  | 427  |     |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                    | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 31   |     |
|               |   |                               | 51.3801                 | Registered Nursing/Registered Nurse  | 47   |     |
|               |   | <b>CERT</b>                   | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 2  |     |
|               |   |                               | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 14   |     |
|               |   | <b>CSC</b>                    | 51.0707                 | Health Information/Medical Records Technology/Technician                                   | 8  |     |
|               |   |                               | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 43   |     |
|               |   | <b>Information Technology</b> | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General                                   | 44  |
|               |   |                               |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 22  |
|               |   |                               | <b>CSC</b>              | 11.0101  | Computer and Information Sciences, General                                   | 1   |
|               |   |                               |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 1   |
|               | <b>Early Childhood Development</b>        | <b>CERT</b>                   | 19.0709                 | Child Care Provider/Assistant  | 2  |     |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 10   |     |
|               |   |                               | 47.0105                 | Industrial Electronics Technology/Technician   | 45   |     |
|               |   |                               | 48.0599                 | Precision Metal Working, Other   | 11   |     |
|               |   |                               | 52.0499                 | Business Operations Support and Secretarial Services, Other                                | 25   |     |
|               |   | <b>CERT</b>                   | 48.0508                 | Welding Technology/Welder  | 15   |     |
|               |   | <b>CSC</b>                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4  |     |
|               |   |                               | 48.0508                 | Welding Technology/Welder  | 5  |     |
|               |   | <b>DIPL</b>                   | 47.0604                 | Automobile/Automotive Mechanics Technology/Technician                                      | 22   |     |
|               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 15   |     |
|               |   |                               | 43.0406                 | Forensic Science and Technology  | 8  |     |
|               |   | <b>CSC</b>                    | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 1  |     |
|               | <b>Subtotal</b>                           |                               |                         |  |  | 376 |
|               | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |     |
|               |   | <b>Health Care</b>            | <b>HCNA</b>             | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 7   |
|               |   |                               |                         | 51.0902  | Electrocardiograph Technology/Technician                                     | 8   |
|               |   |                               | <b>HMCA</b>             | 51.0801  | Medical/Clinical Assistant   | 18  |
| <b>HPL2</b>   |   |                               | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 8  |     |

|   |             |                |   |           |
|---|-------------|----------------|---|-----------|
| <b>Manufacturing &amp; Skilled Trades</b> | <b>ACMT</b> | <b>46.0401</b> | <b>Building/Property Maintenance</b>                                | <b>3</b>  |
|   | <b>BACP</b> | <b>52.1001</b> | <b>Human Resources Management/Personnel Administration, General</b> | <b>1</b>  |
|   |             | <b>52.1005</b> | <b>Human Resources Development</b>                                  | <b>3</b>  |
|   | <b>CCSC</b> | <b>46.0000</b> | <b>Construction Trades, General</b>                                 | <b>1</b>  |
|   | <b>MCPT</b> | <b>15.0613</b> | <b>Manufacturing Engineering Technology/Technician</b>              | <b>1</b>  |
|   |             | <b>48.0000</b> | <b>Precision Production Trades, General</b>                         | <b>1</b>  |
| <b>Subtotal</b>                           |             |                |   | <b>51</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Northern Virginia

|              |                                |                        |                                     |   | Enrollments  |     |
|--------------|--------------------------------|------------------------|-------------------------------------|---|--|-----|
|              |                                |                        |                                     |   | Sum  |     |
| <b>Total</b> |                                |                        |                                     |   | 2,149  |     |
|              | Program Area                   | Degree/Cred Code       | CIP                                 | CIP Description   |  |     |
| Credit       | Health Care                    | AAS                    | 01.8301                             | Veterinary/Animal Health Technology/Technician and Veterinary Assistant       | 17   |     |
|              |                                |                        | 51.0602                             | Dental Hygiene/Hygienist  | 22   |     |
|              |                                |                        | 51.0707                             | Health Information/Medical Records Technology/Technician                      | 2  |     |
|              |                                |                        | 51.0803                             | Occupational Therapist Assistant  | 5  |     |
|              |                                |                        | 51.0806                             | Physical Therapy Assistant  | 10   |     |
|              |                                |                        | 51.0904                             | Emergency Medical Technology/Technician (EMT Paramedic)                       | 6  |     |
|              |                                |                        | 51.0908                             | Respiratory Care Therapy/Therapist  | 9  |     |
|              |                                |                        | 51.0910                             | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician           | 9  |     |
|              |                                |                        | 51.0911                             | Radiologic Technology/Science - Radiographer                                  | 12   |     |
|              |                                |                        | 51.1004                             | Clinical/Medical Laboratory Technician  | 8  |     |
|              |                                | 51.3801                | Registered Nursing/Registered Nurse | 60  |  |     |
|              |                                | CERT                   | 51.0601                             | Dental Assisting/Assistant  | 2  |     |
|              |                                |                        | 51.1501                             | Substance Abuse/Addiction Counseling  | 8  |     |
|              |                                | CSC                    | 51.0713                             | Medical Insurance Coding Specialist/Coder                                     | 2  |     |
|              |                                |                        | 51.1009                             | Phlebotomy Technician/Phlebotomist  | 2  |     |
|              |                                | Information Technology | AAS                                 | 11.0103   | Information Technology   | 203 |
|              |                                |                        |                                     | 11.1003   | Computer and Information Systems Security/Auditing/Information Assurance | 797 |
|              |                                |                        | AS                                  | 11.0103   | Information Technology   | 3   |
|              |                                |                        |                                     | 11.0701   | Computer Science   | 2   |
|              | CSC                            |                        | 11.0101                             | Computer and Information Sciences, General                                    | 10   |     |
|              |                                |                        | 11.0801                             | Web Page, Digital/Multimedia and Information Resources Design                 | 16   |     |
|              |                                |                        | 11.1001                             | Network and System Administration/Administrator                               | 5  |     |
|              |                                |                        | 11.1003                             | Computer and Information Systems Security/Auditing/Information Assurance      | 39   |     |
|              |                                |                        | 11.1099                             | Computer/Information Technology Services Administration and Management, Other | 17   |     |
|              |                                |                        | 11.1099                             | Computer/Information Technology Services Administration and Management, Other | 17   |     |
|              | Early Childhood Development    | AAS                    | 19.0709                             | Child Care Provider/Assistant   | 110  |     |
|              |                                |                        | 19.0709                             | Child Care Provider/Assistant   | 14   |     |
|              |                                | CERT                   | 13.1210                             | Early Childhood Education and Teaching  | 8  |     |
|              | Manufacturing & Skilled Trades | AAS                    | 15.0000                             | Engineering Technologies/Technicians, General                                 | 3  |     |
|              |                                |                        | 15.0001                             | Applied Engineering Technologies/Technicians                                  | 23   |     |
|              |                                |                        | 41.0101                             | Biology/Biotechnology Technology/Technician                                   | 5  |     |

|           |                        |                  |                 |  |              |
|-----------|------------------------|------------------|-----------------|--|--------------|
|           |                        |                  | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 39           |
|           |                        |                  | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                                      | 57           |
|           |                        |                  | 52.2001         | Construction Management, General   | 42           |
|           | CERT                   |                  | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6            |
|           | CSC                    |                  | 15.0000         | Engineering Technologies/Technicians, General  | 5            |
|           |                        |                  | 15.0201         | Civil Engineering Technologies/Technicians   | 1            |
|           |                        |                  | 15.1302         | CAD/CADD Drafting and/or Design Technology/Technician                                      | 2            |
|           |                        |                  | 15.9999         | Engineering/Engineering-Related Technologies/Technicians, Other                            | 4            |
|           |                        |                  | 41.0101         | Biology/Biotechnology Technology/Technician  | 1            |
|           |                        |                  | 46.0412         | Building/Construction Site Management/Manager  | 7            |
|           |                        |                  | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3            |
|           |                        |                  | 47.0603         | Autobody/Collision and Repair Technology/Technician  | 3            |
|           |                        |                  | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                                      | 1            |
|           |                        |                  | 47.0605         | Diesel Mechanics Technology/Technician   | 1            |
|           |                        |                  | 48.0508         | Welding Technology/Welder  | 1            |
|           | Public Safety          | AAS              | 43.0103         | Criminal Justice/Law Enforcement Administration  | 21           |
|           |                        | CERT             | 43.0199         | Corrections and Criminal Justice, Other  | 4            |
|           |                        | CSC              | 43.0199         | Corrections and Criminal Justice, Other  | 5            |
|           |                        |                  | <b>Subtotal</b> |  | <b>1,632</b> |
| Noncredit | Program Area           | Degree/Cred Code | CIP             | CIP Description  |              |
|           | Health Care            | HBCH             | 51.0713         | Medical Insurance Coding Specialist/Coder  | 51           |
|           |                        | HCNA             | 51.3902         | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 28           |
|           |                        | HMAI             | 51.2603         | Medication Aide  | 2            |
|           |                        | HMCA             | 51.0801         | Medical/Clinical Assistant   | 120          |
|           |                        | HMGY             | 51.3501         | Massage Therapy/Therapeutic Massage  | 5            |
|           |                        | HPL2             | 51.1009         | Phlebotomy Technician/Phlebotomist   | 23           |
|           | Information Technology | IACP             | 11.0902         | Cloud Computing  | 45           |
|           |                        | IASA             | 11.0902         | Cloud Computing  | 16           |
|           |                        |                  | 11.9999         | Computer and Information Sciences and Support Services, Other                              | 1            |
|           |                        | ICDC             | 11.0101         | Computer and Information Sciences, General   | 12           |
|           |                        | ICEH             | 11.1003         | Computer and Information Systems Security/Auditing/Information Assurance                   | 11           |
|           |                        | ICLC             | 11.0203         | Computer Programming, Vendor/Product Certification   | 10           |
|           |                        | ISPC             | 11.0202         | Computer Programming, Specific Applications  | 4            |
|           |                        | ITAC             | 11.0103         | Information Technology   | 117          |
|           |                        | ITNK             | 11.0103         | Information Technology   | 20           |
|           |                        | ITSC             | 11.0103         | Information Technology   | 34           |

|   |             |                |   |            |
|---|-------------|----------------|---|------------|
| <b>Manufacturing &amp; Skilled Trades</b> | <b>AHEC</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 11         |
|   | <b>BACP</b> | <b>52.1005</b> | <b>Human Resources Development</b>  | 7          |
| <b>Subtotal</b>                           |             |                |   | <b>517</b> |



**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Patrick & Henry

|                  |   |                               |            |  | Enrollments                                |
|------------------|---|-------------------------------|------------|--|--|
|                  |   |                               |            |  | Sum  |
| <b>Total</b>     |   |                               |            |  | 474  |
|                  | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b> | <b>CIP Description</b>   |  |
| <b>Credit</b>    | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0806    | Physical Therapy Assistant   | 25   |
|                  |   |                               | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 9  |
|                  |   |                               | 51.3801    | Registered Nursing/Registered Nurse  | 13   |
|                  |   | <b>CERT</b>                   | 51.3501    | Massage Therapy/Therapeutic Massage  | 2  |
|                  |   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 7  |
|                  |   | <b>CSC</b>                    | 51.0799    | Health and Medical Administrative Services, Other                            | 1  |
|                  |   |                               | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 5  |
|                  |   |                               | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 1  |
|                  |   |                               | 51.3801    | Registered Nursing/Registered Nurse  | 23   |
|                  |   | <b>Information Technology</b> | <b>AAS</b> | 11.0101  | Computer and Information Sciences, General |
|                  | <b>CSC</b>                                |                               | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician | 3  |
|                  | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709    | Child Care Provider/Assistant  | 25   |
|                  |   | <b>CERT</b>                   | 19.0709    | Child Care Provider/Assistant  | 4  |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0000    | Engineering Technologies/Technicians, General                                | 21   |
|                  |   |                               | 47.0105    | Industrial Electronics Technology/Technician                                 | 31   |
|                  |   |                               | 52.0499    | Business Operations Support and Secretarial Services, Other                  | 1  |
|                  |   | <b>CERT</b>                   | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                        | 3  |
|                  |   |                               | 48.0508    | Welding Technology/Welder  | 18   |
|                  |   | <b>CSC</b>                    | 15.0613    | Manufacturing Engineering Technology/Technician                              | 1  |
|                  |   |                               | 15.0699    | Industrial Production Technologies/Technicians, Other                        | 1  |
|                  |   |                               | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                        | 4  |
|                  | <b>Public Safety</b>                      | <b>AAS</b>                    | 48.0508    | Welding Technology/Welder  | 1  |
|                  |   |                               | 43.0103    | Criminal Justice/Law Enforcement Administration                              | 17   |
| <b>Subtotal</b>  |   |                               |            |  | 232  |
| <b>Noncredit</b> | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b> | <b>CIP Description</b>   |  |
|                  | <b>Health Care</b>                        | <b>HBCH</b>                   | 51.0713    | Medical Insurance Coding Specialist/Coder                                    | 10   |
|                  |   | <b>HCNA</b>                   | 51.3902    | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 12   |
|                  |   | <b>HMCA</b>                   | 51.0801    | Medical/Clinical Assistant   | 78   |
|                  |   | <b>HMCP</b>                   | 51.0713    | Medical Insurance Coding Specialist/Coder                                    | 3  |
|                  |   | <b>HPL2</b>                   | 51.1009    | Phlebotomy Technician/Phlebotomist   | 34   |

|   |             |                |   |            |
|---|-------------|----------------|---|------------|
| <b>Manufacturing &amp; Skilled Trades</b> | <b>CCSC</b> | <b>46.0000</b> | <b>Construction Trades, General</b>   | 58         |
|   | <b>CSM1</b> | <b>15.0407</b> | <b>Mechatronics, Robotics, and Automation Engineering Technology/Technician</b>                   | 1          |
|   |             | <b>46.0302</b> | <b>Electrician</b>  | 11         |
|   | <b>CTOP</b> | <b>47.0303</b> | <b>Industrial Mechanics and Maintenance Technology/Technician</b>                                 | 1          |
|   | <b>HVC1</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 22         |
|   | <b>MFIF</b> | <b>15.0699</b> | <b>Industrial Production Technologies/Technicians, Other</b>                                      | 12         |
| <b>Subtotal</b>                           |             |                |   | <b>242</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Paul D. Camp

|   |   |                               |                         |   | Enrollments                                       |    |
|---|---|-------------------------------|-------------------------|---|---|----|
|   |   |                               |                         |   | Sum   |    |
| <b>Total</b>                              |   |                               |                         |   | 167   |    |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>  |   |    |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                    | <b>51.3801</b>          | <b>Registered Nursing/Registered Nurse</b>  | 22  |    |
|   |   | <b>CERT</b>                   | <b>51.3901</b>          | <b>Licensed Practical/Vocational Nurse Training</b>   | 6   |    |
|   |   | <b>CSC</b>                    | <b>51.0799</b>          | <b>Health and Medical Administrative Services, Other</b>  | 8   |    |
|   |   |                               | <b>51.0904</b>          | <b>Emergency Medical Technology/Technician (EMT Paramedic)</b>                                    | 1   |    |
|   |   |                               | <b>51.1004</b>          | <b>Clinical/Medical Laboratory Technician</b>   | 3   |    |
|   |   |                               | <b>51.3801</b>          | <b>Registered Nursing/Registered Nurse</b>  | 7   |    |
|   |   |                               | <b>51.3901</b>          | <b>Licensed Practical/Vocational Nurse Training</b>   | 1   |    |
|   |   | <b>Information Technology</b> | <b>CSC</b>              | <b>11.0101</b>  | <b>Computer and Information Sciences, General</b> | 6  |
|   |   |                               | <b>15.0303</b>          | <b>Electrical, Electronic, and Communications Engineering Technology/Technician</b>               | 2   |    |
|   | <b>Early Childhood Development</b>        | <b>AAS</b>                    | <b>19.0709</b>          | <b>Child Care Provider/Assistant</b>  | 12  |    |
|   |   | <b>CERT</b>                   | <b>19.0709</b>          | <b>Child Care Provider/Assistant</b>  | 1   |    |
|   |   | <b>CSC</b>                    | <b>19.0707</b>          | <b>Family and Community Services</b>  | 1   |    |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | <b>15.0699</b>          | <b>Industrial Production Technologies/Technicians, Other</b>                                      | 1   |    |
|   |   | <b>CSC</b>                    | <b>15.0699</b>          | <b>Industrial Production Technologies/Technicians, Other</b>                                      | 1   |    |
|   |   |                               | <b>46.0302</b>          | <b>Electrician</b>  | 1   |    |
|   |   |                               | <b>47.0201</b>          | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 4   |    |
|   |   |                               | <b>48.0508</b>          | <b>Welding Technology/Welder</b>  | 4   |    |
|   | <b>Public Safety</b>                      | <b>AAS</b>                    | <b>43.0103</b>          | <b>Criminal Justice/Law Enforcement Administration</b>  | 3   |    |
|   | <b>Subtotal</b>                           |                               |                         |   |   | 84 |
|   | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>  | <b>CIP Description</b>                            |    |
|   |   | <b>Health Care</b>            | <b>HEKT</b>             | <b>51.0902</b>  | <b>Electrocardiograph Technology/Technician</b>   | 19 |
|   |   |                               | <b>HMAI</b>             | <b>51.2603</b>  | <b>Medication Aide</b>                            | 4  |
|   |   |                               | <b>HMCA</b>             | <b>51.0801</b>  | <b>Medical/Clinical Assistant</b>                 | 18 |
| <b>HPCT</b>                               |   |                               | <b>51.0801</b>          | <b>Medical/Clinical Assistant</b>   | 1   |    |
| <b>HPL2</b>                               |   |                               | <b>51.1009</b>          | <b>Phlebotomy Technician/Phlebotomist</b>   | 19  |    |
| <b>Information Technology</b>             |   | <b>ITNK</b>                   | <b>11.0103</b>          | <b>Information Technology</b>   | 2   |    |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CCSC</b>                   | <b>46.0000</b>          | <b>Construction Trades, General</b>   | 4   |    |
|   |   | <b>MCLA</b>                   | <b>52.0203</b>          | <b>Logistics, Materials, and Supply Chain Management</b>  | 2   |    |
|   |   | <b>MIM2</b>                   | <b>47.0101</b>          | <b>Electrical/Electronics Equipment Installation and Repair Technology/Technician, General</b>    | 1   |    |
|   |   | <b>MTW2</b>                   | <b>47.0616</b>          | <b>Marine Maintenance/Fitter and Ship Repair Technology/Technician</b>                            | 3   |    |
|   |   | <b>MWW</b>                    | <b>48.0508</b>          | <b>Welding Technology/Welder</b>  | 10  |    |
| <b>Subtotal</b>                           |   |                               |                         |   | 83  |    |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Piedmont Virginia

|               |                     |   |                               |   | Enrollments  |  |                  |
|---------------|---------------------|---|-------------------------------|---|--|--|------------------|
|               |                     |   |                               |   | Sum  |  |                  |
| <b>Total</b>  |                     |   |                               |   | 286  |  |                  |
|               | <b>Program Area</b> | <b>Degree/Cred Code</b>                   | <b>CIP</b>                    | <b>CIP Description</b>  |  |  |                  |
| <b>Credit</b> | <b>Health Care</b>  | <b>AAS</b>                                | 51.0904                       | Emergency Medical Technology/Technician (EMT Paramedic)             | 5  |  |                  |
|               |                     |   | 51.0909                       | Surgical Technology/Technologist                                    | 2  |  |                  |
|               |                     |   | 51.0910                       | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician | 13   |  |                  |
|               |                     |   | 51.0911                       | Radiologic Technology/Science - Radiographer                        | 13   |  |                  |
|               |                     |   |                               | 51.1004   | Clinical/Medical Laboratory Technician                                   | 2  |                  |
|               |                     |   |                               | 51.3801   | Registered Nursing/Registered Nurse                                      | 60   |                  |
|               |                     |   | <b>CERT</b>                   | 51.0799   | Health and Medical Administrative Services, Other                        | 6  |                  |
|               |                     |   |                               | 51.3901   | Licensed Practical/Vocational Nurse Training                             | 15   |                  |
|               |                     |   |                               | 51.0707   | Health Information/Medical Records Technology/Technician                 | 5  |                  |
|               |                     |   |                               | 51.0999   | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 5  |                  |
|               |                     |   | <b>Information Technology</b> | <b>AAS</b>  | 11.0101  | Computer and Information Sciences, General                                   | 51               |
|               |                     |   |                               |   | AS   | 11.0701  | Computer Science |
|               |                     |   |                               | <b>CSC</b>  | 11.0101  | Computer and Information Sciences, General                                   | 2                |
|               |                     |   |                               |   | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 2                |
|               |                     | <b>Early Childhood Development</b>        | <b>AS</b>                     | 13.0101   | Education, General   | 1  |                  |
|               |                     |   | <b>CSC</b>                    | 19.0709   | Child Care Provider/Assistant  | 9  |                  |
|               |                     | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612   | Industrial Technology/Technician   | 2  |                  |
|               |                     |   |                               | 47.0105   | Industrial Electronics Technology/Technician                             | 6  |                  |
|               |                     |   |                               | 52.0299   | Business Administration, Management and Operations, Other                | 1  |                  |
|               |                     |   | <b>CSC</b>                    | 47.0105   | Industrial Electronics Technology/Technician                             | 1  |                  |
|               |                     | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103   | Criminal Justice/Law Enforcement Administration                          | 6  |                  |
|               |                     |   | <b>CSC</b>                    | 43.0103   | Criminal Justice/Law Enforcement Administration                          | 1  |                  |
|               |                     | <b>Subtotal</b>                           |                               |   |  | 210  |                  |
|               | <b>Noncredit</b>    | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>  | <b>CIP Description</b>   |  |                  |
|               |                     | <b>Health Care</b>                        | <b>HCNA</b>                   | 51.3902   | Nursing Assistant/Aide and Patient Care Assistant/Aide                   | 2  |                  |
|               |                     |   | <b>HMAI</b>                   | 51.2603   | Medication Aide  | 3  |                  |
|               |                     |   | <b>HMCA</b>                   | 51.0801   | Medical/Clinical Assistant   | 23   |                  |
| <b>HPL2</b>   |                     |   | 51.1009                       | Phlebotomy Technician/Phlebotomist                                  | 14   |  |                  |
| <b>HSPT</b>   |                     |   | 51.1012                       | Sterile Processing Technology/Technician                            | 4  |  |                  |

|   |             |                |   |           |
|---|-------------|----------------|---|-----------|
| <b>Information Technology</b>             | <b>ITAC</b> | <b>11.0103</b> | <b>Information Technology</b>   | 5         |
|   | <b>ITNK</b> | <b>11.0103</b> | <b>Information Technology</b>   | 1         |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>ACMT</b> | <b>46.0401</b> | <b>Building/Property Maintenance</b>  | 3         |
|   | <b>AESC</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 7         |
|   | <b>CCSC</b> | <b>46.0000</b> | <b>Construction Trades, General</b>   | 8         |
|   | <b>CEL1</b> | <b>46.0302</b> | <b>Electrician</b>  | 4         |
|   | <b>MWW</b>  | <b>48.0508</b> | <b>Welding Technology/Welder</b>  | 2         |
| <b>Subtotal</b>                           |             |                |   | <b>76</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Rappahannock

|                                |                                |                         |                         |  | Enrollments  |            |
|--------------------------------|--------------------------------|-------------------------|-------------------------|--|--|------------|
|                                |                                |                         |                         |  | Sum  |            |
| <b>Total</b>                   |                                |                         |                         |  | 174  |            |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |  |            |
| <b>Credit</b>                  | Health Care                    | AAS                     | 51.3801                 | Registered Nursing/Registered Nurse  | 31   |            |
|                                |                                | CERT                    | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 12   |            |
|                                |                                | CSC                     | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 8  |            |
|                                |                                |                         | 51.1004                 | Clinical/Medical Laboratory Technician   | 1  |            |
|                                |                                |                         | 51.3801                 | Registered Nursing/Registered Nurse  | 43   |            |
|                                |                                |                         | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 8  |            |
|                                | Information Technology         | CSC                     | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 9  |            |
|                                | Manufacturing & Skilled Trades | AAS                     | 15.0000                 | Engineering Technologies/Technicians, General  | 1  |            |
|                                |                                | CSC                     | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2  |            |
|                                |                                |                         | 47.0605                 | Diesel Mechanics Technology/Technician   | 2  |            |
|                                | Public Safety                  | AAS                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 6  |            |
|                                |                                | CSC                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 1  |            |
|                                | <b>Subtotal</b>                |                         |                         |  |  | <b>124</b> |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                                 |            |
|                                |                                | Health Care             | HCNA                    | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide | 6          |
| HMAI                           |                                |                         | 51.2603                 | Medication Aide  | 20   |            |
| Manufacturing & Skilled Trades |                                | CSSC                    | 52.0207                 | Customer Service Management  | 1  |            |
|                                |                                | FCAW                    | 48.0508                 | Welding Technology/Welder  | 6  |            |
|                                |                                | MAPP                    | 48.0508                 | Welding Technology/Welder  | 4  |            |
|                                |                                | MGMW                    | 48.0508                 | Welding Technology/Welder  | 4  |            |
|                                |                                | MGTW                    | 48.0508                 | Welding Technology/Welder  | 1  |            |
|                                |                                | MSMW                    | 48.0508                 | Welding Technology/Welder  | 7  |            |
|                                |                                | SITC                    | 47.0703                 | Solar Energy System Installation and Repair Technology/Technician                          | 1  |            |
| <b>Subtotal</b>                |                                |                         |                         |  | <b>50</b>  |            |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Southside Virginia

|   |   |                               |                                      |  | Enrollments  |     |
|---|---|-------------------------------|--------------------------------------|--|--|-----|
|   |   |                               |                                      |  | Sum  |     |
| <b>Total</b>                              |   |                               |                                      |  | 301  |     |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>                           | <b>CIP Description</b>   |  |     |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0904                              | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 14   |     |
|   |   |                               | 51.1599                              | Mental and Social Health Services and Allied Professions, Other                            | 37   |     |
|   |   |                               | 51.3801                              | Registered Nursing/Registered Nurse  | 31   |     |
|   |   | <b>CERT</b>                   | 51.1501                              | Substance Abuse/Addiction Counseling   | 4  |     |
|   |   |                               | 51.3901                              | Licensed Practical/Vocational Nurse Training   | 31   |     |
|   |   | <b>CSC</b>                    | 51.0799                              | Health and Medical Administrative Services, Other  | 7  |     |
|   |   |                               | 51.0904                              | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2  |     |
|   |   |                               | 51.0999                              | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 2  |     |
|   |   |                               |                                      |  |  |     |
|   |   | <b>Information Technology</b> | <b>AAS</b>                           | 11.0101  | Computer and Information Sciences, General                                   | 14  |
|   |   |                               |                                      | 11.0901  | Computer Systems Networking and Telecommunications                           | 7   |
|   |   |                               | <b>CERT</b>                          | 11.0101  | Computer and Information Sciences, General                                   | 2   |
|   |   |                               | <b>CSC</b>                           | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 3   |
|   | <b>Early Childhood Development</b>        | <b>CSC</b>                    | 19.0709                              | Child Care Provider/Assistant  | 2  |     |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612                              | Industrial Technology/Technician   | 10   |     |
|   |   |                               | 52.0499                              | Business Operations Support and Secretarial Services, Other                                | 20   |     |
|   |   | <b>CERT</b>                   | 46.0302                              | Electrician  | 3  |     |
|   |   |                               | 47.0604                              | Automobile/Automotive Mechanics Technology/Technician                                      | 2  |     |
|   |   |                               | 48.0508                              | Welding Technology/Welder  | 1  |     |
|   |   | <b>CSC</b>                    | 46.0302                              | Electrician  | 1  |     |
|   |   |                               | 47.0201                              | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |     |
|   | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                              | Criminal Justice/Law Enforcement Administration  | 18   |     |
|   |   | <b>CERT</b>                   | 43.0103                              | Criminal Justice/Law Enforcement Administration  | 1  |     |
|   | <b>Subtotal</b>                           |                               |                                      |  |  | 213 |
|   | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b>              | <b>CIP</b>   | <b>CIP Description</b>   |     |
|   |   | <b>Health Care</b>            | <b>HCNA</b>                          | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 5   |
|   |   |                               | <b>HPTE</b>                          | 51.1009  | Phlebotomy Technician/Phlebotomist   | 18  |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>HVC1</b>                   | 47.0201                              | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7  |     |
|   |   | <b>MGMW</b>                   | 48.0508                              | Welding Technology/Welder  | 6  |     |
|   | <b>MPIF</b>                               | 15.1701                       | Energy Systems Technology/Technician | 22   |  |     |

|  |                 |             |                |  |           |
|--|-----------------|-------------|----------------|--|-----------|
|  |                 | <b>PLW1</b> | <b>46.0301</b> | <b>Electrical and Power Transmission Installation/Installer, General</b> | 22        |
|  |                 | <b>THTB</b> | <b>47.0604</b> | <b>Automobile/Automotive Mechanics Technology/Technician</b>             | 4         |
|  |                 | <b>TSP2</b> | <b>47.0605</b> | <b>Diesel Mechanics Technology/Technician</b>                            | 4         |
|  | <b>Subtotal</b> |             |                |  | <b>88</b> |



**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Southwest Virginia

|                      |   |                                    |   |  | Enrollments  |    |
|----------------------|---|------------------------------------|---|--|--|----|
|                      |   |                                    |   |  | Sum  |    |
| <b>Total</b>         |   |                                    |   |  | 589  |    |
|                      | <b>Program Area</b>                       | <b>Degree/Cred Code</b>            | <b>CIP</b>                                      | <b>CIP Description</b>   |  |    |
| <b>Credit</b>        | <b>Health Care</b>                        | <b>AAS</b>                         | 51.0803   | Occupational Therapist Assistant   | 7  |    |
|                      |   |                                    | 51.0904   | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 28   |    |
|                      |   |                                    | 51.0911   | Radiologic Technology/Science - Radiographer   | 6  |    |
|                      |   |                                    | 51.1599   | Mental and Social Health Services and Allied Professions, Other                            | 35   |    |
|                      |   |                                    | 51.3801   | Registered Nursing/Registered Nurse  | 21   |    |
|                      |   | <b>CERT</b>                        | 51.0999   | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 124  |    |
|                      |   |                                    | 51.1501   | Substance Abuse/Addiction Counseling   | 3  |    |
|                      |   |                                    | 51.1599   | Mental and Social Health Services and Allied Professions, Other                            | 1  |    |
|                      |   |                                    | 51.3901   | Licensed Practical/Vocational Nurse Training   | 36   |    |
|                      |   |                                    | <b>CSC</b>                                      | 51.0707  | Health Information/Medical Records Technology/Technician                     | 20 |
|                      |   | 51.0799                            |   | Health and Medical Administrative Services, Other  | 2  |    |
|                      |   | 51.0911                            |   | Radiologic Technology/Science - Radiographer   | 1  |    |
|                      |   | 51.0999                            |   | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 5  |    |
|                      |   | 51.1004                            |   | Clinical/Medical Laboratory Technician   | 3  |    |
|                      |   | <b>Information Technology</b>      | <b>AAS</b>                                      | 11.0101  | Computer and Information Sciences, General                                   | 18 |
|                      |   |                                    |   | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 12 |
|                      |   |                                    | <b>CSC</b>                                      | 11.0101  | Computer and Information Sciences, General                                   | 1  |
|                      |   |                                    |   | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 15 |
|                      |   | <b>Early Childhood Development</b> | <b>AAS</b>                                      | 19.0709  | Child Care Provider/Assistant  | 35 |
|                      | <b>CSC</b>                                |                                    | 19.0709   | Child Care Provider/Assistant  | 5  |    |
|                      | <b>Manufacturing &amp; Skilled Trades</b> | <b>CERT</b>                        | 47.0201   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 12   |    |
|                      |   |                                    | <b>CSC</b>                                      | 15.0613  | Manufacturing Engineering Technology/Technician                              | 1  |
|                      |   |                                    |   | 15.0699  | Industrial Production Technologies/Technicians, Other                        | 1  |
|                      |   | 47.0201                            |   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 10   |    |
|                      |   | <b>DIPL</b>                        | 48.0508   | Welding Technology/Welder  | 8  |    |
| 48.0508              |   |                                    | Welding Technology/Welder                       | 5  |  |    |
| <b>Public Safety</b> | <b>AAS</b>                                | 43.0103                            | Criminal Justice/Law Enforcement Administration | 25   |  |    |
| <b>Subtotal</b>      |   |                                    |   |  | 440  |    |

| Noncredit | Program Area                   | Degree/Cred Code | CIP     | CIP Description  |    |
|-----------|--------------------------------|------------------|---------|--|----|
|           | Health Care                    | HCNA             | 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide | 16 |
|           |                                | HPL2             | 51.1009 | Phlebotomy Technician/Phlebotomist                     | 20 |
|           | Information Technology         | BTIF             | 11.0103 | Information Technology                                 | 3  |
|           |                                | ITAC             | 11.0101 | Computer and Information Sciences, General             | 1  |
|           |                                |                  | 11.0103 | Information Technology                                 | 2  |
|           | Manufacturing & Skilled Trades | CCL1             | 46.0201 | Carpentry/Carpenter                                    | 4  |
|           |                                | CCL2             | 46.0201 | Carpentry/Carpenter                                    | 1  |
|           |                                | CCRL             | 15.1001 | Construction Engineering Technology/Technician         | 6  |
|           |                                | CCSC             | 46.0000 | Construction Trades, General                           | 16 |
|           |                                | CMA1             | 46.0101 | Mason/Masonry  | 1  |
|           |                                | FCAW             | 48.0508 | Welding Technology/Welder                              | 33 |
|           |                                | MGMW             | 48.0508 | Welding Technology/Welder                              | 12 |
|           |                                | MGTW             | 48.0508 | Welding Technology/Welder                              | 6  |
|           |                                | MSMW             | 48.0508 | Welding Technology/Welder                              | 15 |
|           |                                | THTB             | 47.0604 | Automobile/Automotive Mechanics Technology/Technician  | 8  |
|           |                                | THTE             | 47.0604 | Automobile/Automotive Mechanics Technology/Technician  | 4  |
|           |                                | TTDE             | 47.0604 | Automobile/Automotive Mechanics Technology/Technician  | 1  |
|           |                                | <b>Subtotal</b>  |         |  |    |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Tidewater

|              |                             |                        |                                     |  | Enrollments  |     |
|--------------|-----------------------------|------------------------|-------------------------------------|--|--|-----|
|              |                             |                        |                                     |  | Sum  |     |
| <b>Total</b> |                             |                        |                                     |  | 1,714  |     |
|              | Program Area                | Degree/Cred Code       | CIP                                 | CIP Description  |  |     |
| Credit       | Health Care                 | AAS                    | 01.8301                             | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 25   |     |
|              |                             |                        | 51.0707                             | Health Information/Medical Records Technology/Technician                     | 19   |     |
|              |                             |                        | 51.0803                             | Occupational Therapist Assistant   | 20   |     |
|              |                             |                        | 51.0806                             | Physical Therapy Assistant   | 29   |     |
|              |                             |                        | 51.0904                             | Emergency Medical Technology/Technician (EMT Paramedic)                      | 34   |     |
|              |                             |                        | 51.0908                             | Respiratory Care Therapy/Therapist   | 16   |     |
|              |                             |                        | 51.0910                             | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician          | 14   |     |
|              |                             |                        | 51.0911                             | Radiologic Technology/Science - Radiographer                                 | 20   |     |
|              |                             |                        | 51.1004                             | Clinical/Medical Laboratory Technician                                       | 12   |     |
|              |                             |                        | 51.1599                             | Mental and Social Health Services and Allied Professions, Other              | 78   |     |
|              |                             | 51.3801                | Registered Nursing/Registered Nurse | 52   |  |     |
|              |                             | CERT                   | 51.0999                             | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 176  |     |
|              |                             | CSC                    | 01.8301                             | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 1  |     |
|              |                             |                        |                                     | 51.0799  | Health and Medical Administrative Services, Other                        | 9   |
|              |                             |                        |                                     | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 3   |
|              |                             |                        |                                     | 51.3901  | Licensed Practical/Vocational Nurse Training                             | 51  |
|              |                             | Information Technology | AAS                                 | 11.0101  | Computer and Information Sciences, General                               | 44  |
|              |                             |                        |                                     | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design            | 9   |
|              |                             |                        |                                     | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance | 142 |
|              |                             |                        | CERT                                | 11.0101  | Computer and Information Sciences, General                               | 8   |
|              | 15.0303                     |                        |                                     | Electrical, Electronic, and Communications Engineering Technology/Technician | 1  |     |
|              | CSC                         |                        | 11.0101                             | Computer and Information Sciences, General                                   | 1  |     |
|              |                             |                        | 11.0801                             | Web Page, Digital/Multimedia and Information Resources Design                | 1  |     |
|              |                             |                        | 15.0303                             | Electrical, Electronic, and Communications Engineering Technology/Technician | 9  |     |
|              | Early Childhood Development | AAS                    | 19.0709                             | Child Care Provider/Assistant  | 76   |     |
|              |                             | CERT                   | 19.0709                             | Child Care Provider/Assistant  | 3  |     |

|           |                                |                  |         |  |   |       |
|-----------|--------------------------------|------------------|---------|--|---|-------|
|           | Manufacturing & Skilled Trades | AAS              | 15.0201 | Civil Engineering Technologies/Technicians   | 17  |       |
|           |                                |                  | 15.0612 | Industrial Technology/Technician   | 1   |       |
|           |                                |                  | 15.0613 | Manufacturing Engineering Technology/Technician  | 5   |       |
|           |                                |                  | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 5   |       |
|           |                                |                  | 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 5   |       |
|           |                                |                  | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 17  |       |
|           |                                |                  | 46.0302 | Electrician  | 6   |       |
|           |                                |                  | 47.0000 | Mechanics and Repairers, General   | 8   |       |
|           |                                |                  | 47.0105 | Industrial Electronics Technology/Technician   | 5   |       |
|           |                                |                  | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 9   |       |
|           |                                |                  | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 57  |       |
|           |                                |                  | 47.0605 | Diesel Mechanics Technology/Technician   | 6   |       |
|           |                                |                  | 52.0499 | Business Operations Support and Secretarial Services, Other                                | 7   |       |
|           |                                | CERT             | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1   |       |
|           |                                |                  | 46.0302 | Electrician  | 2   |       |
|           |                                |                  | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2   |       |
|           |                                |                  | 48.0508 | Welding Technology/Welder  | 9   |       |
|           |                                | CSC              | 15.0613 | Manufacturing Engineering Technology/Technician  | 1   |       |
|           |                                |                  | 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 3   |       |
|           |                                |                  | 46.0302 | Electrician  | 2   |       |
|           |                                |                  | 47.0603 | Autobody/Collision and Repair Technology/Technician  | 1   |       |
|           |                                |                  | 47.0605 | Diesel Mechanics Technology/Technician   | 1   |       |
|           |                                |                  | 48.0508 | Welding Technology/Welder  | 2   |       |
|           |                                | Public Safety    | AAS     | 43.0103  | Criminal Justice/Law Enforcement Administration | 113   |
|           |                                |                  |         | 43.0203  | Fire Science/Fire-fighting                      | 6     |
|           |                                |                  | CSC     | 43.0103  | Criminal Justice/Law Enforcement Administration | 1     |
|           |                                |                  |         | 43.0203  | Fire Science/Fire-fighting                      | 1     |
|           |                                |                  |         | 43.0406  | Forensic Science and Technology                 | 1     |
|           |                                | Subtotal         |         |  |   | 1,147 |
| Noncredit | Program Area                   | Degree/Cred Code | CIP     | CIP Description  |   |       |
|           | Health Care                    | HBCH             | 51.0713 | Medical Insurance Coding Specialist/Coder  | 123   |       |
|           |                                |                  | HEKT    | 51.0902  | Electrocardiograph Technology/Technician        | 15    |
|           |                                | HMAA             | 51.0710 | Medical Office Assistant/Specialist  | 1   |       |
|           |                                |                  | 51.0801 | Medical/Clinical Assistant   | 34  |       |
|           |                                | HMCA             | 51.0801 | Medical/Clinical Assistant   | 77  |       |
|           |                                | HMCP             | 51.0713 | Medical Insurance Coding Specialist/Coder  | 30  |       |
|           |                                | HPL2             | 51.1009 | Phlebotomy Technician/Phlebotomist   | 119   |       |
|           | Information Technology         | ITAC             | 11.0103 | Information Technology   | 27  |       |

|                                |  |                 |         |   |            |
|--------------------------------|--|-----------------|---------|---|------------|
|                                |  | ITSC            | 11.0103 | Information Technology  | 4          |
| Manufacturing & Skilled Trades |  | CCL1            | 46.0201 | Carpentry/Carpenter   | 3          |
|                                |  | CCSC            | 46.0000 | Construction Trades, General                                    | 9          |
|                                |  | CMOP            | 47.0302 | Heavy Equipment Maintenance Technology/Technician               | 2          |
|                                |  |                 | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician      | 1          |
|                                |  | CTOP            | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician      | 3          |
|                                |  | FCAW            | 48.0508 | Welding Technology/Welder                                       | 8          |
|                                |  | MCLA            | 52.0203 | Logistics, Materials, and Supply Chain Management               | 8          |
|                                |  | MGMW            | 48.0508 | Welding Technology/Welder                                       | 30         |
|                                |  | MMTW            | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician | 1          |
|                                |  | MNJ1            | 47.0302 | Heavy Equipment Maintenance Technology/Technician               | 1          |
|                                |  | MSMW            | 48.0508 | Welding Technology/Welder                                       | 67         |
|                                |  | MTW2            | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician | 2          |
|                                |  | MTW3            | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician | 2          |
|                                |  | <b>Subtotal</b> |         |   | <b>567</b> |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Virginia Highlands

|   |   |                               |                         |  | Enrollments  |     |
|---|---|-------------------------------|-------------------------|--|--|-----|
|   |   |                               |                         |  | Sum  |     |
| <b>Total</b>                              |   |                               |                         |  | 357  |     |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 14   |     |
|   |   |                               | 51.0911                 | Radiologic Technology/Science - Radiographer   | 6  |     |
|   |   |                               | 51.3801                 | Registered Nursing/Registered Nurse  | 40   |     |
|   |   | <b>CERT</b>                   | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 77   |     |
|   |   |                               | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 3  |     |
|   |   |                               | <b>CSC</b>              | 51.0707  | Health Information/Medical Records Technology/Technician                     | 16  |
|   |   |                               |                         | 51.0801  | Medical/Clinical Assistant   | 12  |
|   |   | 51.0999                       |                         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 1  |     |
|   |   | <b>Information Technology</b> | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General                                   | 6   |
|   |   |                               | <b>CSC</b>              | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 3   |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612                 | Industrial Technology/Technician   | 6  |     |
|   |   |                               | 46.0302                 | Electrician  | 20   |     |
|   |   |                               | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 19   |     |
|   |   |                               | 48.0599                 | Precision Metal Working, Other   | 8  |     |
|   |   | <b>CERT</b>                   | 46.0302                 | Electrician  | 1  |     |
|   |   | <b>CSC</b>                    | 15.0613                 | Manufacturing Engineering Technology/Technician  | 1  |     |
|   |   |                               | 15.0699                 | Industrial Production Technologies/Technicians, Other                                      | 2  |     |
|   |   |                               | 47.0605                 | Diesel Mechanics Technology/Technician   | 11   |     |
|   |   |                               | 48.0508                 | Welding Technology/Welder  | 15   |     |
|   |   |                               | 48.0599                 | Precision Metal Working, Other   | 3  |     |
|   | <b>AAS</b>                                |                               | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 17   |     |
|   | <b>Subtotal</b>                           |                               |                         |  |  | 281 |
|   | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |     |
| <b>Health Care</b>                        |   | <b>HBCH</b>                   | 51.0713                 | Medical Insurance Coding Specialist/Coder  | 11   |     |
|   |   | <b>HCNA</b>                   | 51.3902                 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 33   |     |
|   |   | <b>HPL2</b>                   | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 30   |     |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CPVA</b>                   | 47.0303                 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1  |     |
|   |   |                               | 47.0703                 | Solar Energy System Installation and Repair Technology/Technician                          | 1  |     |
| <b>Subtotal</b>                           |   |                               |                         |  | 76   |     |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Virginia Peninsula

|   |   |                               |                         |  | Enrollments  |     |
|---|---|-------------------------------|-------------------------|--|--|-----|
|   |   |                               |                         |  | Sum  |     |
| <b>Total</b>                              |   |                               |                         |  | 613  |     |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0602                 | Dental Hygiene/Hygienist   | 5  |     |
|   |   |                               | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 22   |     |
|   |   |                               | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 33   |     |
|   |   |                               | 51.3801                 | Registered Nursing/Registered Nurse  | 24   |     |
|   |   | <b>CSC</b>                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 3  |     |
|   |   |                               | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 5  |     |
|   |   | <b>Information Technology</b> | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General                                   | 60  |
|   |   |                               |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 1   |
|   | <b>CSC</b>                                |                               | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2  |     |
|   | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709                 | Child Care Provider/Assistant  | 21   |     |
|   |   | <b>CSC</b>                    | 19.0709                 | Child Care Provider/Assistant  | 2  |     |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612                 | Industrial Technology/Technician   | 6  |     |
|   |   |                               | 15.0899                 | Mechanical Engineering Related Technologies/Technicians, Other                             | 7  |     |
|   |   |                               | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 8  |     |
|   |   |                               | 47.0604                 | Automobile/Automotive Mechanics Technology/Technician                                      | 9  |     |
|   |   | <b>CERT</b>                   | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |     |
|   | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 25   |     |
|   |   |                               | 43.0203                 | Fire Science/Fire-fighting   | 3  |     |
|   | <b>Subtotal</b>                           |                               |                         |  |  | 237 |
|   | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |     |
| <b>Health Care</b>                        |   | <b>HCNA</b>                   | 51.3902                 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 31   |     |
|   |   | <b>HMAA</b>                   | 51.0801                 | Medical/Clinical Assistant   | 29   |     |
|   |   | <b>HMCA</b>                   | 51.0801                 | Medical/Clinical Assistant   | 28   |     |
|   |   | <b>HPL2</b>                   | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 98   |     |
| <b>Information Technology</b>             |   | <b>ITAC</b>                   | 11.0103                 | Information Technology   | 38   |     |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CCL1</b>                   | 46.0201                 | Carpentry/Carpenter  | 5  |     |
|   |   | <b>CEL1</b>                   | 46.0302                 | Electrician  | 12   |     |
|   |   | <b>CEL2</b>                   | 46.0302                 | Electrician  | 2  |     |
|   |   | <b>FAW</b>                    | 48.0508                 | Welding Technology/Welder  | 57   |     |

|  |                 |             |                |   |            |
|--|-----------------|-------------|----------------|---|------------|
|  |                 | <b>HVC1</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 9          |
|  |                 | <b>HVC2</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 2          |
|  |                 | <b>MGTW</b> | <b>48.0508</b> | <b>Welding Technology/Welder</b>  | 2          |
|  |                 | <b>MMTE</b> | <b>47.0616</b> | <b>Marine Maintenance/Fitter and Ship Repair Technology/Technician</b>                            | 16         |
|  |                 | <b>MMTW</b> | <b>47.0616</b> | <b>Marine Maintenance/Fitter and Ship Repair Technology/Technician</b>                            | 3          |
|  |                 | <b>MSMW</b> | <b>48.0508</b> | <b>Welding Technology/Welder</b>  | 27         |
|  |                 | <b>MWW</b>  | <b>48.0508</b> | <b>Welding Technology/Welder</b>  | 5          |
|  |                 | <b>TFMT</b> | <b>46.0401</b> | <b>Building/Property Maintenance</b>  | 12         |
|  | <b>Subtotal</b> |             |                |   | <b>376</b> |



**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Virginia Western

|               |                    |   |  |   | Enrollments   |            |  |   |   |
|---------------|--------------------|---|--|---|---|------------|--|---|---|
|               |                    |   |  |   | Sum   |            |  |   |   |
| <b>Total</b>  |                    |   |  |   | 600   |            |  |   |   |
|               | Program Area       | Degree/Cred Code                          | CIP  | CIP Description   |   |            |  |   |   |
| <b>Credit</b> | <b>Health Care</b> | <b>AAS</b>                                | 51.0602  | Dental Hygiene/Hygienist  | 25  |            |  |   |   |
|               |                    |   | 51.0806  | Physical Therapy Assistant                                      | 10  |            |  |   |   |
|               |                    |   | 51.0907  | Medical Radiologic Technology/Science - Radiation Therapist     | 17  |            |  |   |   |
|               |                    |   | 51.0909  | Surgical Technology/Technologist                                | 7   |            |  |   |   |
|               |                    |   | 51.0911  | Radiologic Technology/Science - Radiographer                    | 17  |            |  |   |   |
|               |                    |   | 51.1004  | Clinical/Medical Laboratory Technician                          | 8   |            |  |   |   |
|               |                    |   | 51.1599  | Mental and Social Health Services and Allied Professions, Other | 27  |            |  |   |   |
|               |                    |   | 51.3801  | Registered Nursing/Registered Nurse                             | 34  |            |  |   |   |
|               |                    |   | 51.3901  | Licensed Practical/Vocational Nurse Training                    | 10  |            |  |   |   |
|               |                    | <b>CERT</b>                               | <b>CSC</b>   | 51.0602   | Dental Hygiene/Hygienist                                    | 28         |  |   |   |
|               |                    |   |  | 51.0707   | Health Information/Medical Records Technology/Technician    | 7          |  |   |   |
|               |                    |   |  | 51.0799   | Health and Medical Administrative Services, Other           | 3          |  |   |   |
|               |                    |   |  | 51.0806   | Physical Therapy Assistant                                  | 10         |  |   |   |
|               |                    |   |  | 51.0907   | Medical Radiologic Technology/Science - Radiation Therapist | 2          |  |   |   |
|               |                    |   |  | 51.0909   | Surgical Technology/Technologist                            | 10         |  |   |   |
|               |                    |   |  | 51.0911   | Radiologic Technology/Science - Radiographer                | 20         |  |   |   |
|               |                    |   |  | 51.1004   | Clinical/Medical Laboratory Technician                      | 13         |  |   |   |
|               |                    |   |  | 51.3801   | Registered Nursing/Registered Nurse                         | 71         |  |   |   |
|               |                    |   |  | 51.3901   | Licensed Practical/Vocational Nurse Training                | 13         |  |   |   |
|               |                    |   |  | <b>Information Technology</b>                                   | <b>AAS</b>  | 11.0101    | Computer and Information Sciences, General | 76  |   |
|               |                    |   |  |   |   | <b>CSC</b> | 11.0101                                    | Computer and Information Sciences, General                    | 2 |
|               |                    |   |  |   |   |            | 11.0801                                    | Web Page, Digital/Multimedia and Information Resources Design | 2 |
|               |                    | 15.0303                                   | Electrical, Electronic, and Communications Engineering Technology/Technician |   |   |            | 8  |   |   |
|               |                    | <b>Early Childhood Development</b>        | <b>AAS</b>   | 19.0709   | Child Care Provider/Assistant                               | 18         |  |   |   |
|               |                    |   | <b>CSC</b>   | 19.0709   | Child Care Provider/Assistant                               | 1          |  |   |   |
|               |                    | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>   | 15.0612   | Industrial Technology/Technician                            | 5          |  |   |   |
|               |                    |   |  | 15.0613   | Manufacturing Engineering Technology/Technician             | 34         |  |   |   |
|               |                    |   |  | 52.0299   | Business Administration, Management and Operations, Other   | 2          |  |   |   |
|               |                    |   |  | 52.0499   | Business Operations Support and Secretarial Services, Other | 23         |  |   |   |
|               |                    |   | <b>AS</b>  | 52.0201   | Business Administration and Management, General             | 1          |  |   |   |
|               |                    |   | <b>CSC</b>   | 46.0000   | Construction Trades, General                                | 3          |  |   |   |
|               |                    |   |  | 46.0302   | Electrician   | 6          |  |   |   |

|                  |                                |                         |            |  |            |
|------------------|--------------------------------|-------------------------|------------|--|------------|
|                  |                                |                         | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5          |
|                  |                                |                         | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                                      | 2          |
|                  |                                |                         | 48.0508    | Welding Technology/Welder  | 15         |
|                  | Public Safety                  | AAS                     | 43.0103    | Criminal Justice/Law Enforcement Administration  | 22         |
|                  | <b>Subtotal</b>                |                         |            |  | <b>557</b> |
| <b>Noncredit</b> | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b> | <b>CIP Description</b>   |            |
|                  | Health Care                    | HMCA                    | 51.0801    | Medical/Clinical Assistant   | 25         |
|                  |                                | HPHV                    | 51.0805    | Pharmacy Technician/Assistant  | 2          |
|                  |                                | HPL2                    | 51.1009    | Phlebotomy Technician/Phlebotomist   | 13         |
|                  | Manufacturing & Skilled Trades | CTOP                    | 47.0303    | Industrial Mechanics and Maintenance Technology/Technician                                 | 1          |
|                  |                                | MGMW                    | 48.0508    | Welding Technology/Welder  | 1          |
|                  |                                | MNJ1                    | 48.0599    | Precision Metal Working, Other   | 1          |
|                  | <b>Subtotal</b>                |                         |            |  | <b>43</b>  |

**Appendix 3. AY 2023 G3 enrollments in all programs of study**

COLLEGE=Wytheville

|                  |   |                               |  |   | Enrollments                                |
|------------------|---|-------------------------------|--|---|--|
|                  |   |                               |  |   | Sum  |
| <b>Total</b>     |   |                               |  |   | 315  |
|                  | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>   | <b>CIP Description</b>  |  |
| <b>Credit</b>    | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0602  | Dental Hygiene/Hygienist  | 20   |
|                  |   |                               | 51.0806  | Physical Therapy Assistant  | 11   |
|                  |   |                               | 51.1004  | Clinical/Medical Laboratory Technician                            | 4  |
|                  |   |                               | 51.3801  | Registered Nursing/Registered Nurse                               | 23   |
|                  |   | <b>CERT</b>                   | 51.0799  | Health and Medical Administrative Services, Other                 | 1  |
|                  |   |                               | 51.3901  | Licensed Practical/Vocational Nurse Training                      | 11   |
|                  |   | <b>CSC</b>                    | 51.0707  | Health Information/Medical Records Technology/Technician          | 6  |
|                  |   |                               | 51.0805  | Pharmacy Technician/Assistant                                     | 12   |
|                  |   |                               | 51.1004  | Clinical/Medical Laboratory Technician                            | 4  |
|                  |   | <b>Information Technology</b> | <b>AAS</b>   | 11.0101   | Computer and Information Sciences, General |
|                  | CSC                                       |                               |  | 11.0101   | Computer and Information Sciences, General |
|                  | 15.0303                                   |                               | Electrical, Electronic, and Communications Engineering Technology/Technician | 2   |  |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612  | Industrial Technology/Technician                                  | 20   |
|                  |   |                               | 48.0599  | Precision Metal Working, Other                                    | 18   |
|                  |   | <b>CSC</b>                    | 46.0302  | Electrician   | 1  |
|                  |   |                               | 48.0508  | Welding Technology/Welder   | 6  |
|                  |   | <b>DIPL</b>                   | 46.0000  | Construction Trades, General                                      | 17   |
|                  | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0102  | Corrections   | 1  |
|                  |   |                               | 43.0103  | Criminal Justice/Law Enforcement Administration                   | 24   |
|                  | <b>Subtotal</b>                           |                               |  |   |  |
| <b>Noncredit</b> | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>   | <b>CIP Description</b>  |  |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>CIM3</b>                   | 47.0302  | Heavy Equipment Maintenance Technology/Technician                 | 29   |
|                  |   | <b>MGMW</b>                   | 48.0508  | Welding Technology/Welder   | 9  |
|                  |   | <b>MPIF</b>                   | 15.1701  | Energy Systems Technology/Technician                              | 33   |
|                  |   | <b>PLW1</b>                   | 46.0301  | Electrical and Power Transmission Installation/Installer, General | 27   |
|                  |   | <b>PLWD</b>                   | 46.0301  | Electrical and Power Transmission Installation/Installer, General | 2  |
|                  |   | <b>TAAE</b>                   | 47.0604  | Automobile/Automotive Mechanics Technology/Technician             | 11   |
|                  |   | <b>Subtotal</b>               |  |   |  |

### Appendix 4. AY 2023 G3 student enrollments by income level by college

|                             | < 100%<br>FPL |       | 100% - 199%<br>FPL |       | 200% - 299%<br>FPL |       | 300% - 399%<br>FPL |       | Total |       |
|-----------------------------|---------------|-------|--------------------|-------|--------------------|-------|--------------------|-------|-------|-------|
|                             | N             | %     | N                  | %     | N                  | %     | N                  | %     | N     | %     |
|                             | <b>VCCS</b>   | 2,573 | 29%                | 2,138 | 24%                | 2,297 | 26%                | 1,764 | 20%   | 8,772 |
| <b>Blue Ridge</b>           | 48            | 19%   | 38                 | 15%   | 92                 | 37%   | 71                 | 29%   | 249   | 100%  |
| <b>Brightpoint</b>          | 152           | 28%   | 103                | 19%   | 151                | 28%   | 129                | 24%   | 535   | 100%  |
| <b>Central Virginia</b>     | 57            | 25%   | 44                 | 19%   | 73                 | 32%   | 53                 | 23%   | 227   | 100%  |
| <b>Danville</b>             | 127           | 41%   | 80                 | 26%   | 67                 | 21%   | 39                 | 12%   | 313   | 100%  |
| <b>Eastern Shore</b>        | 27            | 49%   | 13                 | 24%   | 9                  | 16%   | 6                  | 11%   | 55    | 100%  |
| <b>Germanna</b>             | 101           | 20%   | 130                | 26%   | 152                | 30%   | 126                | 25%   | 509   | 100%  |
| <b>J. Sargeant Reynolds</b> | 151           | 27%   | 163                | 29%   | 154                | 28%   | 89                 | 16%   | 557   | 100%  |
| <b>Laurel Ridge</b>         | 25            | 16%   | 44                 | 28%   | 49                 | 31%   | 40                 | 25%   | 158   | 100%  |
| <b>Mountain Empire</b>      | 188           | 46%   | 89                 | 22%   | 69                 | 17%   | 63                 | 15%   | 409   | 100%  |
| <b>Mountain Gateway</b>     | 23            | 24%   | 27                 | 28%   | 26                 | 27%   | 21                 | 22%   | 97    | 100%  |
| <b>New River</b>            | 75            | 21%   | 90                 | 25%   | 97                 | 27%   | 100                | 28%   | 362   | 100%  |
| <b>Northern Virginia</b>    | 448           | 28%   | 421                | 26%   | 452                | 28%   | 304                | 19%   | 1,625 | 100%  |
| <b>Patrick &amp; Henry</b>  | 67            | 30%   | 51                 | 22%   | 69                 | 30%   | 40                 | 18%   | 227   | 100%  |
| <b>Paul D. Camp</b>         | 31            | 37%   | 16                 | 19%   | 21                 | 25%   | 16                 | 19%   | 84    | 100%  |
| <b>Piedmont Virginia</b>    | 24            | 12%   | 44                 | 21%   | 76                 | 37%   | 62                 | 30%   | 206   | 100%  |
| <b>Rappahannock</b>         | 27            | 21%   | 36                 | 29%   | 45                 | 36%   | 18                 | 14%   | 126   | 100%  |
| <b>Southside Virginia</b>   | 87            | 41%   | 52                 | 25%   | 39                 | 18%   | 34                 | 16%   | 212   | 100%  |
| <b>Southwest Virginia</b>   | 181           | 42%   | 99                 | 23%   | 75                 | 17%   | 77                 | 18%   | 432   | 100%  |
| <b>Tidewater</b>            | 357           | 32%   | 299                | 26%   | 266                | 24%   | 208                | 18%   | 1,130 | 100%  |
| <b>Virginia Highlands</b>   | 95            | 34%   | 51                 | 18%   | 64                 | 23%   | 66                 | 24%   | 276   | 100%  |
| <b>Virginia Peninsula</b>   | 81            | 34%   | 60                 | 25%   | 59                 | 25%   | 36                 | 15%   | 236   | 100%  |
| <b>Virginia Western</b>     | 153           | 28%   | 139                | 25%   | 133                | 24%   | 121                | 22%   | 546   | 100%  |
| <b>Wytheville</b>           | 48            | 24%   | 49                 | 24%   | 59                 | 29%   | 45                 | 22%   | 201   | 100%  |

### Appendix 5: AY 2023 G3 awards earned by college

|                         |                         |                           | Awards                    |
|-------------------------|-------------------------|---------------------------|---------------------------|
| VCCS                    | Credit Programs         | Assoc. of Applied Science | 1,125                     |
|                         |                         | Certificate (1-2 years)   | 257                       |
|                         |                         | Certificate (<1 year)     | 1,358                     |
|                         |                         | Diploma                   | 59                        |
|                         |                         | <b>Total</b>              | <b>2,799</b>              |
|                         | WCG Noncredit Programs  | Third-Party Credential    | 1,996                     |
|                         |                         | WCG Course Completions    | 3,177                     |
|                         |                         | <b>Total</b>              | <b>5,173</b>              |
|                         | <b>Total</b>            |                           | <b>7,972</b>              |
| Blue Ridge              | Credit Programs         | Assoc. of Applied Science | 34                        |
|                         |                         | Certificate (1-2 years)   | 2                         |
|                         |                         | Certificate (<1 year)     | 27                        |
|                         |                         | <b>Total</b>              | <b>63</b>                 |
|                         | WCG Noncredit Programs  | Third-Party Credential    | 122                       |
|                         |                         | WCG Course Completions    | 162                       |
|                         |                         | <b>Total</b>              | <b>284</b>                |
|                         | <b>Total</b>            |                           | <b>347</b>                |
|                         | Brightpoint             | Credit Programs           | Assoc. of Applied Science |
| Certificate (1-2 years) |                         |                           | 5                         |
| Certificate (<1 year)   |                         |                           | 45                        |
| <b>Total</b>            |                         |                           | <b>103</b>                |
| WCG Noncredit Programs  |                         | Third-Party Credential    | 239                       |
|                         |                         | WCG Course Completions    | 494                       |
|                         |                         | <b>Total</b>              | <b>733</b>                |
| <b>Total</b>            |                         |                           | <b>836</b>                |
| Central Virginia        |                         | Credit Programs           | Assoc. of Applied Science |
|                         | Certificate (1-2 years) |                           | 4                         |
|                         | Certificate (<1 year)   |                           | 41                        |
|                         | Diploma                 |                           | 2                         |
|                         | <b>Total</b>            |                           | <b>62</b>                 |
|                         | WCG Noncredit Programs  | Third-Party Credential    | 102                       |
|                         |                         | WCG Course Completions    | 154                       |
|                         |                         | <b>Total</b>              | <b>256</b>                |
|                         | <b>Total</b>            |                           | <b>318</b>                |
| Danville                | Credit Programs         | Assoc. of Applied Science | 17                        |
|                         |                         | Certificate (1-2 years)   | 30                        |
|                         |                         | Certificate (<1 year)     | 68                        |
|                         |                         | Diploma                   | 44                        |
|                         |                         | <b>Total</b>              | <b>159</b>                |
|                         | WCG Noncredit Programs  | Third-Party Credential    | 1                         |
|                         |                         | WCG Course Completions    | 17                        |
|                         |                         | <b>Total</b>              | <b>18</b>                 |
|                         | <b>Total</b>            |                           | <b>177</b>                |
| Eastern Shore           | Credit Programs         | Assoc. of Applied Science | 3                         |
|                         |                         | Certificate (1-2 years)   | 4                         |

|                      |                        |                           |     |
|----------------------|------------------------|---------------------------|-----|
|                      |                        | Certificate (<1 year)     | 15  |
|                      |                        | Total                     | 22  |
|                      | WCG Noncredit Programs | Third-Party Credential    | 23  |
|                      |                        | WCG Course Completions    | 47  |
|                      |                        | Total                     | 70  |
|                      | Total                  |                           | 92  |
| Germanna             | Credit Programs        | Assoc. of Applied Science | 68  |
|                      |                        | Certificate (1-2 years)   | 6   |
|                      |                        | Certificate (<1 year)     | 48  |
|                      |                        | Total                     | 122 |
|                      | WCG Noncredit Programs | Third-Party Credential    | 34  |
|                      |                        | WCG Course Completions    | 124 |
|                      |                        | Total                     | 158 |
| Total                |                        | 280                       |     |
| J. Sargeant Reynolds | Credit Programs        | Assoc. of Applied Science | 62  |
|                      |                        | Certificate (1-2 years)   | 24  |
|                      |                        | Certificate (<1 year)     | 83  |
|                      |                        | Total                     | 169 |
|                      | Total                  |                           | 169 |
| Laurel Ridge         | Credit Programs        | Assoc. of Applied Science | 23  |
|                      |                        | Certificate (1-2 years)   | 8   |
|                      |                        | Certificate (<1 year)     | 22  |
|                      |                        | Total                     | 53  |
|                      | WCG Noncredit Programs | Third-Party Credential    | 97  |
|                      |                        | WCG Course Completions    | 121 |
|                      |                        | Total                     | 218 |
| Total                |                        | 271                       |     |
| Mountain Empire      | Credit Programs        | Assoc. of Applied Science | 46  |
|                      |                        | Certificate (1-2 years)   | 21  |
|                      |                        | Certificate (<1 year)     | 155 |
|                      |                        | Total                     | 222 |
|                      | WCG Noncredit Programs | Third-Party Credential    | 21  |
|                      |                        | WCG Course Completions    | 26  |
|                      |                        | Total                     | 47  |
| Total                |                        | 269                       |     |
| Mountain Gateway     | Credit Programs        | Assoc. of Applied Science | 9   |
|                      |                        | Certificate (1-2 years)   | 16  |
|                      |                        | Certificate (<1 year)     | 3   |
|                      |                        | Total                     | 28  |
|                      | WCG Noncredit Programs | Third-Party Credential    | 39  |
|                      |                        | WCG Course Completions    | 68  |
|                      |                        | Total                     | 107 |
| Total                |                        | 135                       |     |
| New River            | Credit Programs        | Assoc. of Applied Science | 58  |
|                      |                        | Certificate (1-2 years)   | 20  |
|                      |                        | Certificate (<1 year)     | 118 |
|                      |                        | Diploma                   | 6   |
|                      |                        | Total                     | 202 |

|                            |                               |                                  |     |
|----------------------------|-------------------------------|----------------------------------|-----|
|                            | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 16  |
|                            |                               | <b>WCG Course Completions</b>    | 26  |
|                            |                               | <b>Total</b>                     | 42  |
|                            | <b>Total</b>                  |                                  | 244 |
| <b>Northern Virginia</b>   | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 259 |
|                            |                               | <b>Certificate (1-2 years)</b>   | 23  |
|                            |                               | <b>Certificate (&lt;1 year)</b>  | 116 |
|                            |                               | <b>Total</b>                     | 398 |
|                            | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 176 |
|                            |                               | <b>WCG Course Completions</b>    | 391 |
|                            |                               | <b>Total</b>                     | 567 |
| <b>Total</b>               |                               | 965                              |     |
| <b>Patrick &amp; Henry</b> | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 29  |
|                            |                               | <b>Certificate (1-2 years)</b>   | 17  |
|                            |                               | <b>Certificate (&lt;1 year)</b>  | 40  |
|                            |                               | <b>Total</b>                     | 86  |
|                            | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 123 |
|                            |                               | <b>WCG Course Completions</b>    | 161 |
|                            |                               | <b>Total</b>                     | 284 |
| <b>Total</b>               |                               | 370                              |     |
| <b>Paul D. Camp</b>        | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 12  |
|                            |                               | <b>Certificate (1-2 years)</b>   | 3   |
|                            |                               | <b>Certificate (&lt;1 year)</b>  | 13  |
|                            |                               | <b>Total</b>                     | 28  |
|                            | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 22  |
|                            |                               | <b>WCG Course Completions</b>    | 35  |
|                            |                               | <b>Total</b>                     | 57  |
| <b>Total</b>               |                               | 85                               |     |
| <b>Piedmont Virginia</b>   | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 36  |
|                            |                               | <b>Certificate (1-2 years)</b>   | 6   |
|                            |                               | <b>Certificate (&lt;1 year)</b>  | 12  |
|                            |                               | <b>Total</b>                     | 54  |
|                            | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 69  |
|                            |                               | <b>WCG Course Completions</b>    | 85  |
|                            |                               | <b>Total</b>                     | 154 |
| <b>Total</b>               |                               | 208                              |     |
| <b>Rappahannock</b>        | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 11  |
|                            |                               | <b>Certificate (1-2 years)</b>   | 4   |
|                            |                               | <b>Certificate (&lt;1 year)</b>  | 13  |
|                            |                               | <b>Total</b>                     | 28  |
|                            | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 24  |
|                            |                               | <b>WCG Course Completions</b>    | 73  |
|                            |                               | <b>Total</b>                     | 97  |
| <b>Total</b>               |                               | 125                              |     |
| <b>Southside Virginia</b>  | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 28  |
|                            |                               | <b>Certificate (1-2 years)</b>   | 3   |
|                            |                               | <b>Certificate (&lt;1 year)</b>  | 10  |
|                            |                               | <b>Total</b>                     | 41  |

|                           |                               |                                  |     |
|---------------------------|-------------------------------|----------------------------------|-----|
|                           | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 72  |
|                           |                               | <b>WCG Course Completions</b>    | 83  |
|                           |                               | <b>Total</b>                     | 155 |
|                           | <b>Total</b>                  |                                  | 196 |
| <b>Southwest Virginia</b> | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 35  |
|                           |                               | <b>Certificate (1-2 years)</b>   | 28  |
|                           |                               | <b>Certificate (&lt;1 year)</b>  | 53  |
|                           |                               | <b>Total</b>                     | 116 |
|                           | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 153 |
|                           |                               | <b>WCG Course Completions</b>    | 200 |
|                           |                               | <b>Total</b>                     | 353 |
| <b>Total</b>              |                               | 469                              |     |
| <b>Tidewater</b>          | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 145 |
|                           |                               | <b>Certificate (1-2 years)</b>   | 8   |
|                           |                               | <b>Certificate (&lt;1 year)</b>  | 179 |
|                           |                               | <b>Total</b>                     | 332 |
|                           | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 181 |
|                           |                               | <b>WCG Course Completions</b>    | 322 |
|                           |                               | <b>Total</b>                     | 503 |
| <b>Total</b>              |                               | 835                              |     |
| <b>Virginia Highlands</b> | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 42  |
|                           |                               | <b>Certificate (1-2 years)</b>   | 12  |
|                           |                               | <b>Certificate (&lt;1 year)</b>  | 93  |
|                           |                               | <b>Total</b>                     | 147 |
|                           | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 71  |
|                           |                               | <b>WCG Course Completions</b>    | 56  |
|                           |                               | <b>Total</b>                     | 127 |
| <b>Total</b>              |                               | 274                              |     |
| <b>Virginia Peninsula</b> | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 28  |
|                           |                               | <b>Certificate (1-2 years)</b>   | 2   |
|                           |                               | <b>Certificate (&lt;1 year)</b>  | 10  |
|                           |                               | <b>Total</b>                     | 40  |
|                           | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 278 |
|                           |                               | <b>WCG Course Completions</b>    | 394 |
|                           |                               | <b>Total</b>                     | 672 |
| <b>Total</b>              |                               | 712                              |     |
| <b>Virginia Western</b>   | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 73  |
|                           |                               | <b>Certificate (1-2 years)</b>   | 4   |
|                           |                               | <b>Certificate (&lt;1 year)</b>  | 103 |
|                           |                               | <b>Total</b>                     | 180 |
|                           | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b>    | 21  |
|                           |                               | <b>WCG Course Completions</b>    | 25  |
|                           |                               | <b>Total</b>                     | 46  |
| <b>Total</b>              |                               | 226                              |     |
| <b>Wytheville</b>         | <b>Credit Programs</b>        | <b>Assoc. of Applied Science</b> | 39  |
|                           |                               | <b>Certificate (1-2 years)</b>   | 7   |
|                           |                               | <b>Certificate (&lt;1 year)</b>  | 91  |
|                           |                               | <b>Diploma</b>                   | 7   |
|                           |                               |                                  |     |



|  |                               |                               |     |
|--|-------------------------------|-------------------------------|-----|
|  |                               | <b>Total</b>                  | 144 |
|  | <b>WCG Noncredit Programs</b> | <b>Third-Party Credential</b> | 112 |
|  |                               | <b>WCG Course Completions</b> | 113 |
|  |                               | <b>Total</b>                  | 225 |
|  | <b>Total</b>                  |                               | 369 |

Source: M:\A\_AB\g3\annual\_report\programs\g3\_performance\_2223.sas

**Appendix 6: AY 2022 G3 individual program completions by college  
VCCS**

|               |                     |                         |            |  | Completions |
|---------------|---------------------|-------------------------|------------|--|-------------|
|               |                     |                         |            |  | Sum         |
| <b>Total</b>  |                     |                         |            |  | 4,795       |
|               | <b>Program Area</b> | <b>Degree/Cred Code</b> | <b>CIP</b> | <b>CIP Description</b>   |             |
| <b>Credit</b> | <b>Health Care</b>  | <b>AAS</b>              | 01.8301    | Veterinary/Animal Health Technology/Technician and Veterinary Assistant  | 23          |
|               |                     |                         | 51.0602    | Dental Hygiene/Hygienist   | 25          |
|               |                     |                         | 51.0707    | Health Information/Medical Records Technology/Technician                 | 11          |
|               |                     |                         | 51.0803    | Occupational Therapist Assistant   | 20          |
|               |                     |                         | 51.0806    | Physical Therapy Assistant   | 38          |
|               |                     |                         | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                  | 23          |
|               |                     |                         | 51.0907    | Medical Radiologic Technology/Science - Radiation Therapist              | 8           |
|               |                     |                         | 51.0908    | Respiratory Care Therapy/Therapist                                       | 23          |
|               |                     |                         | 51.0909    | Surgical Technology/Technologist   | 3           |
|               |                     |                         | 51.0910    | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician      | 16          |
|               |                     |                         | 51.0911    | Radiologic Technology/Science - Radiographer                             | 24          |
|               |                     |                         | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 2           |
|               |                     |                         | 51.1004    | Clinical/Medical Laboratory Technician                                   | 14          |
|               |                     |                         | 51.1599    | Mental and Social Health Services and Allied Professions, Other          | 49          |
|               |                     |                         | 51.1801    | Opticianry/Ophthalmic Dispensing Optician                                | 3           |
|               |                     |                         | 51.3801    | Registered Nursing/Registered Nurse                                      | 254         |
|               |                     | <b>CERT</b>             | 51.0601    | Dental Assisting/Assistant   | 10          |
|               |                     |                         | 51.0799    | Health and Medical Administrative Services, Other                        | 4           |
|               |                     |                         | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 28          |
|               |                     |                         | 51.1501    | Substance Abuse/Addiction Counseling                                     | 3           |
|               |                     |                         | 51.1599    | Mental and Social Health Services and Allied Professions, Other          | 4           |
|               |                     |                         | 51.3901    | Licensed Practical/Vocational Nurse Training                             | 75          |
|               |                     | <b>CSC</b>              | 51.0601    | Dental Assisting/Assistant   | 3           |
|               |                     |                         | 51.0602    | Dental Hygiene/Hygienist   | 1           |
|               |                     |                         | 51.0707    | Health Information/Medical Records Technology/Technician                 | 44          |
|               |                     |                         | 51.0799    | Health and Medical Administrative Services, Other                        | 21          |
|               |                     |                         | 51.0801    | Medical/Clinical Assistant   | 10          |
|               |                     |                         | 51.0805    | Pharmacy Technician/Assistant  | 6           |
|               |                     |                         | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                  | 30          |
|               |                     |                         | 51.0911    | Radiologic Technology/Science - Radiographer                             | 4           |
|               |                     |                         | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 66          |
|               |                     |                         | 51.1004    | Clinical/Medical Laboratory Technician                                   | 35          |

|                                |                             |      |         |   |  |     |
|--------------------------------|-----------------------------|------|---------|---|--|-----|
|                                |                             |      | 51.1009 | Phlebotomy Technician/Phlebotomist  | 1  |     |
|                                |                             |      | 51.1599 | Mental and Social Health Services and Allied Professions, Other               | 51   |     |
|                                |                             |      | 51.3501 | Massage Therapy/Therapeutic Massage   | 1  |     |
|                                |                             |      | 51.3801 | Registered Nursing/Registered Nurse   | 11   |     |
|                                |                             |      | 51.3901 | Licensed Practical/Vocational Nurse Training                                  | 15   |     |
| Information Technology         | AAS                         |      | 11.0101 | Computer and Information Sciences, General                                    | 82   |     |
|                                |                             |      | 11.0103 | Information Technology  | 30   |     |
|                                |                             |      | 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                 | 1  |     |
|                                |                             |      | 11.0901 | Computer Systems Networking and Telecommunications                            | 1  |     |
|                                |                             |      | 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance      | 194  |     |
|                                |                             |      | 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician  | 12   |     |
|                                |                             | CERT |         | 11.0101   | Computer and Information Sciences, General | 1   |
|                                |                             |      | 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician  | 8  |     |
|                                |                             | CSC  |         | 11.0101   | Computer and Information Sciences, General | 59  |
|                                |                             |      | 11.0701 | Computer Science  | 2  |     |
|                                |                             |      | 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                 | 7  |     |
|                                |                             |      | 11.1001 | Network and System Administration/Administrator                               | 1  |     |
|                                |                             |      | 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance      | 44   |     |
|                                |                             |      | 11.1099 | Computer/Information Technology Services Administration and Management, Other | 3  |     |
|                                |                             |      | 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician  | 148  |     |
|                                | Early Childhood Development | AAS  |         | 19.0709   | Child Care Provider/Assistant              | 60  |
|                                |                             | CERT |         | 19.0709   | Child Care Provider/Assistant              | 56  |
|                                |                             | CSC  |         | 13.1210   | Early Childhood Education and Teaching     | 22  |
|                                |                             |      |         | 13.1501   | Teacher Assistant/Aide                     | 25  |
|                                |                             |      |         | 19.0707   | Family and Community Services              | 2   |
|                                |                             |      |         | 19.0709   | Child Care Provider/Assistant              | 123 |
|                                |                             |      | 19.0799 | Human Development, Family Studies, and Related Services, Other                | 7  |     |
| Manufacturing & Skilled Trades | AAS                         |      | 15.0000 | Engineering Technologies/Technicians, General                                 | 6  |     |
|                                |                             |      | 15.0001 | Applied Engineering Technologies/Technicians                                  | 3  |     |
|                                |                             |      | 15.0101 | Architectural Engineering Technologies/Technicians                            | 1  |     |
|                                |                             |      | 15.0201 | Civil Engineering Technologies/Technicians                                    | 1  |     |
|                                |                             |      | 15.0599 | Environmental Control Technologies/Technicians, Other                         | 13   |     |
|                                |                             |      | 15.0612 | Industrial Technology/Technician  | 20   |     |
|                                |                             |      | 15.0613 | Manufacturing Engineering Technology/Technician                               | 10   |     |

|  |  |      |         |  |    |
|--|--|------|---------|--|----|
|  |  |      | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 3  |
|  |  |      | 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 2  |
|  |  |      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 4  |
|  |  |      | 46.0302 | Electrician  | 10 |
|  |  |      | 47.0000 | Mechanics and Repairers, General   | 2  |
|  |  |      | 47.0105 | Industrial Electronics Technology/Technician   | 16 |
|  |  |      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 11 |
|  |  |      | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 15 |
|  |  |      | 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician                          | 2  |
|  |  |      | 48.0599 | Precision Metal Working, Other   | 11 |
|  |  |      | 52.0499 | Business Operations Support and Secretarial Services, Other                                | 19 |
|  |  |      | 52.2001 | Construction Management, General   | 2  |
|  |  | CERT | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 3  |
|  |  |      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 2  |
|  |  |      | 46.0000 | Construction Trades, General   | 1  |
|  |  |      | 46.0302 | Electrician  | 13 |
|  |  |      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 8  |
|  |  |      | 47.0605 | Diesel Mechanics Technology/Technician   | 1  |
|  |  |      | 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician                          | 2  |
|  |  |      | 48.0508 | Welding Technology/Welder  | 23 |
|  |  |      | 48.0599 | Precision Metal Working, Other   | 2  |
|  |  |      | 52.0499 | Business Operations Support and Secretarial Services, Other                                | 3  |
|  |  | CSC  | 15.0000 | Engineering Technologies/Technicians, General  | 9  |
|  |  |      | 15.0201 | Civil Engineering Technologies/Technicians   | 2  |
|  |  |      | 15.0599 | Environmental Control Technologies/Technicians, Other                                      | 12 |
|  |  |      | 15.0613 | Manufacturing Engineering Technology/Technician  | 28 |
|  |  |      | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 19 |
|  |  |      | 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 2  |
|  |  |      | 15.0901 | Mining Technology/Technician   | 2  |
|  |  |      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 10 |
|  |  |      | 46.0000 | Construction Trades, General   | 38 |
|  |  |      | 46.0302 | Electrician  | 71 |
|  |  |      | 46.0412 | Building/Construction Site Management/Manager  | 6  |
|  |  |      | 47.0105 | Industrial Electronics Technology/Technician   | 19 |

|                  |                     |                         |                 |  |              |
|------------------|---------------------|-------------------------|-----------------|--|--------------|
|                  |                     |                         | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 45           |
|                  |                     |                         | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                                      | 116          |
|                  |                     |                         | 47.0605         | Diesel Mechanics Technology/Technician   | 7            |
|                  |                     |                         | 47.0699         | Vehicle Maintenance and Repair Technologies/Technicians, Other                             | 6            |
|                  |                     |                         | 48.0508         | Welding Technology/Welder  | 134          |
|                  |                     |                         | 48.0599         | Precision Metal Working, Other   | 19           |
|                  |                     |                         | 52.0499         | Business Operations Support and Secretarial Services, Other                                | 5            |
|                  |                     | Dipl                    | 46.0000         | Construction Trades, General   | 7            |
|                  |                     |                         | 47.0105         | Industrial Electronics Technology/Technician   | 9            |
|                  |                     |                         | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2            |
|                  |                     |                         | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                                      | 14           |
|                  |                     |                         | 48.0508         | Welding Technology/Welder  | 5            |
|                  |                     |                         | 48.0599         | Precision Metal Working, Other   | 22           |
|                  | Public Safety       | AAS                     | 43.0102         | Corrections  | 2            |
|                  |                     |                         | 43.0103         | Criminal Justice/Law Enforcement Administration  | 56           |
|                  |                     | CERT                    | 43.0103         | Criminal Justice/Law Enforcement Administration  | 8            |
|                  |                     |                         | 43.0199         | Corrections and Criminal Justice, Other  | 2            |
|                  |                     | CSC                     | 43.0102         | Corrections  | 1            |
|                  |                     |                         | 43.0103         | Criminal Justice/Law Enforcement Administration  | 55           |
|                  |                     |                         | 43.0199         | Corrections and Criminal Justice, Other  | 2            |
|                  |                     |                         | 43.0203         | Fire Science/Fire-fighting   | 2            |
|                  |                     |                         | 43.0406         | Forensic Science and Technology  | 6            |
|                  |                     |                         | <b>Subtotal</b> |  | <b>2,799</b> |
| <b>Noncredit</b> | <b>Program Area</b> | <b>Degree/Cred Code</b> | <b>CIP</b>      | <b>CIP Description</b>   |              |
|                  | Health Care         | HBCH                    | 51.0713         | Medical Insurance Coding Specialist/Coder  | 70           |
|                  |                     | HCL                     | 51.9999         | Health Professions and Related Clinical Sciences, Other                                    | 1            |
|                  |                     | HCNA                    | 51.3902         | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 111          |
|                  |                     | HCPB                    | 51.0713         | Medical Insurance Coding Specialist/Coder  | 2            |
|                  |                     | HEKT                    | 51.0902         | Electrocardiograph Technology/Technician   | 12           |
|                  |                     | HEM0                    | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1            |
|                  |                     | HEMP                    | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1            |
|                  |                     | HEMT                    | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 10           |
|                  |                     | HMAA                    | 51.0710         | Medical Office Assistant/Specialist  | 2            |
|                  |                     |                         | 51.0801         | Medical/Clinical Assistant   | 38           |
|                  |                     | HMAI                    | 51.2603         | Medication Aide  | 8            |
|                  |                     | HMCA                    | 51.0801         | Medical/Clinical Assistant   | 276          |
|                  |                     | HMCP                    | 51.0713         | Medical Insurance Coding Specialist/Coder  | 16           |
|                  |                     | HMG                     | 51.3501         | Massage Therapy/Therapeutic Massage  | 3            |

|  |                        |                                |         |  |  |  |
|--|------------------------|--------------------------------|---------|--|--|--|
|  |                        | HPCT                           | 51.0801 | Medical/Clinical Assistant   | 1  |  |
|  |                        | HPL2                           | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 232  |  |
|  |                        | HPLT                           | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 3  |  |
|  |                        | HPTE                           | 51.1009 | Phlebotomy Technician/Phlebotomist                                       | 11   |  |
|  | Information Technology | BTIF                           | 11.0101 | Computer and Information Sciences, General                               | 1  |  |
|  |                        |                                | 11.0103 | Information Technology   | 17   |  |
|  |                        | IACP                           | 11.0902 | Cloud Computing  | 22   |  |
|  |                        | IASA                           | 11.0902 | Cloud Computing  | 4  |  |
|  |                        | ICCA                           | 11.0101 | Computer and Information Sciences, General                               | 5  |  |
|  |                        |                                |         | ICDC   | 11.0101  | Computer and Information Sciences, General |
|  |                        | ICEH                           | 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance | 3  |  |
|  |                        | ICLC                           | 11.0203 | Computer Programming, Vendor/Product Certification                       | 6  |  |
|  |                        |                                |         | 11.9999  | Computer and Information Sciences and Support Services, Other                              | 1  |
|  |                        | ICSP                           | 11.0101 | Computer and Information Sciences, General                               | 1  |  |
|  |                        | ICTP                           | 11.1005 | Information Technology Project Management                                | 5  |  |
|  |                        | ITAC                           | 11.0101 | Computer and Information Sciences, General                               | 1  |  |
|  |                        |                                |         | 11.0103  | Information Technology   | 32   |
|  |                        | ITNK                           | 11.0103 | Information Technology   | 11   |  |
|  |                        | ITSC                           | 11.0103 | Information Technology   | 24   |  |
|  |                        |                                |         | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance                   | 1  |
|  |                        | IV3F                           | 11.0101 | Computer and Information Sciences, General                               | 1  |  |
|  |                        | IWJS                           | 11.0202 | Computer Programming, Specific Applications                              | 1  |  |
|  |                        |                                |         | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design                              | 1  |
|  |                        | Manufacturing & Skilled Trades | ACMT    | 46.0401  | Building/Property Maintenance  | 2  |
|  |                        |                                | AESC    | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7  |
|  |                        |                                | AHEC    | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6  |
|  |                        |                                | BACP    | 52.1001  | Human Resources Management/Personnel Administration, General                               | 1  |
|  | 52.1005                |                                |         |  | Human Resources Development  | 4  |
|  | CCL1                   |                                | 46.0201 | Carpentry/Carpenter  | 3  |  |
|  | CCSC                   |                                | 46.0000 | Construction Trades, General   | 159  |  |
|  | CEL1                   |                                | 46.0302 | Electrician  | 37   |  |
|  | CEL2                   |                                | 46.0302 | Electrician  | 11   |  |
|  | CEL3                   |                                | 46.0302 | Electrician  | 7  |  |
|  | CEL4                   |                                | 46.0302 | Electrician  | 6  |  |
|  | CIM3                   |                                | 47.0302 | Heavy Equipment Maintenance Technology/Technician                        | 30   |  |
|  | CPL2                   |                                | 46.0503 | Plumbing Technology/Plumber  | 4  |  |
|  | CPL4                   |                                | 46.0503 | Plumbing Technology/Plumber  | 2  |  |
|  | CPMT                   |                                | 46.0412 | Building/Construction Site Management/Manager                            | 1  |  |

|      |         |  |     |
|------|---------|--|-----|
| CPVA | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
|      | 47.0703 | Solar Energy System Installation and Repair Technology/Technician                          | 1   |
|      | 46.0302 | Electrician  | 11  |
| CTOP | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 2   |
| FCAW | 48.0508 | Welding Technology/Welder  | 84  |
| HVC1 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 62  |
|      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 13  |
| HVC3 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3   |
| HVC4 | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6   |
| MACE | 46.0302 | Electrician  | 1   |
|      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1   |
| MAPP | 48.0508 | Welding Technology/Welder  | 2   |
| MCLA | 52.0203 | Logistics, Materials, and Supply Chain Management  | 17  |
| MFIF | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 11  |
| MFMS | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
| MGMW | 48.0508 | Welding Technology/Welder  | 81  |
| MGTW | 48.0508 | Welding Technology/Welder  | 29  |
| MIM2 | 47.0101 | Electrical/Electronics Equipment Installation and Repair Technology/Technician, General    | 1   |
| MLPC | 52.0203 | Logistics, Materials, and Supply Chain Management  | 8   |
| MMST | 48.0000 | Precision Production Trades, General   | 1   |
| MMTE | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 16  |
| MMTW | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 1   |
| MNC1 | 15.0613 | Manufacturing Engineering Technology/Technician  | 1   |
|      | 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1   |
| MNJ1 | 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 4   |
|      | 48.0599 | Precision Metal Working, Other   | 2   |
| MNM1 | 48.0599 | Precision Metal Working, Other   | 3   |
| MNS1 | 48.0506 | Sheet Metal Technology/Sheetworking  | 2   |
| MNUT | 48.0000 | Precision Production Trades, General   | 1   |
| MPIF | 15.1701 | Energy Systems Technology/Technician   | 50  |
| MSMW | 48.0508 | Welding Technology/Welder  | 115 |
| MTW2 | 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 2   |
| MWW  | 48.0508 | Welding Technology/Welder  | 16  |
| PLW1 | 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 62  |

|  |                 |      |         |   |              |
|--|-----------------|------|---------|---|--------------|
|  |                 | PLWD | 46.0301 | Electrical and Power Transmission Installation/Installer, General                       | 3            |
|  |                 | TAEE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 10           |
|  |                 | TATB | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 2            |
|  |                 | TCLT | 52.0203 | Logistics, Materials, and Supply Chain Management                                       | 11           |
|  |                 | TFMT | 46.0401 | Building/Property Maintenance   | 5            |
|  |                 | THTB | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 6            |
|  |                 | THTE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 11           |
|  |                 | THTM | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 7            |
|  |                 | TSP2 | 47.0605 | Diesel Mechanics Technology/Technician  | 2            |
|  |                 | TTDE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 11           |
|  |                 | TTSS | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                   | 5            |
|  | Public Safety   | LETC | 43.9999 | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other | 4            |
|  | Other           | AHE1 | 49.0202 | Construction/Heavy Equipment/Earthmoving Equipment Operation                            | 35           |
|  |                 | AHE2 | 49.0202 | Construction/Heavy Equipment/Earthmoving Equipment Operation                            | 3            |
|  |                 | AWZT | 49.0207 | Flagging and Traffic Control  | 2            |
|  |                 | MFMS | 14.1901 | Mechanical Engineering  | 1            |
|  |                 | TCLA | 49.0205 | Truck and Bus Driver/Commercial Vehicle Operator and Instructor                         | 20           |
|  |                 | TCLE | 49.0205 | Truck and Bus Driver/Commercial Vehicle Operator and Instructor                         | 7            |
|  |                 | TRPC | 36.0207 | Remote Aircraft Pilot   | 5            |
|  |                 | TWZF | 49.0207 | Flagging and Traffic Control  | 17           |
|  | <b>Subtotal</b> |      |         |   | <b>1,996</b> |



**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Blue Ridge

|               |   |                                    |  |   | Completions   |   |
|---------------|---|------------------------------------|--|---|---|---|
|               |   |                                    |  |   | Sum   |   |
| <b>Total</b>  |   |                                    |  |   | 185   |   |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>            | <b>CIP</b>   | <b>CIP Description</b>  |   |   |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                         | <b>01.8301</b>   | <b>Veterinary/Animal Health Technology/Technician and Veterinary Assistant</b>      | 11  |   |
|               |   |                                    | <b>51.1599</b>   | <b>Mental and Social Health Services and Allied Professions, Other</b>              | 2   |   |
|               |   |                                    | <b>51.3801</b>   | <b>Registered Nursing/Registered Nurse</b>  | 10  |   |
|               |   | <b>CSC</b>                         | <b>51.0707</b>   | <b>Health Information/Medical Records Technology/Technician</b>                     | 1   |   |
|               |   |                                    | <b>51.0904</b>   | <b>Emergency Medical Technology/Technician (EMT Paramedic)</b>                      | 1   |   |
|               |   |                                    | <b>51.1599</b>   | <b>Mental and Social Health Services and Allied Professions, Other</b>              | 7   |   |
|               |   | <b>Information Technology</b>      | <b>AAS</b>   | <b>11.0101</b>  | <b>Computer and Information Sciences, General</b>             | 4   |
|               |   |                                    |  | <b>CSC</b>  | <b>11.0101</b>  | <b>Computer and Information Sciences, General</b> |
|               |   |                                    | <b>15.0303</b>   | <b>Electrical, Electronic, and Communications Engineering Technology/Technician</b> | 8   |   |
|               |   | <b>Early Childhood Development</b> | <b>CSC</b>   | <b>19.0709</b>  | <b>Child Care Provider/Assistant</b>                          | 2   |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                         | <b>15.0613</b>   | <b>Manufacturing Engineering Technology/Technician</b>                              | 3   |   |
|               |   |                                    | <b>47.0604</b>   | <b>Automobile/Automotive Mechanics Technology/Technician</b>                        | 2   |   |
|               |   |                                    | <b>47.0607</b>   | <b>Airframe Mechanics and Aircraft Maintenance Technology/Technician</b>            | 2   |   |
|               |   | <b>CERT</b>                        | <b>47.0607</b>   | <b>Airframe Mechanics and Aircraft Maintenance Technology/Technician</b>            | 2   |   |
|               |   | <b>CSC</b>                         | <b>15.0613</b>   | <b>Manufacturing Engineering Technology/Technician</b>                              | 1   |   |
|               |   |                                    | <b>15.1302</b>   | <b>CAD/CADD Drafting and/or Design Technology/Technician</b>                        | 1   |   |
|               |   | <b>47.0604</b>                     | <b>Automobile/Automotive Mechanics Technology/Technician</b> | 3   |   |   |
|               | <b>Subtotal</b>                           |                                    |  |   |   | 63  |
|               | <b>Noncredit</b>                          | <b>Program Area</b>                | <b>Degree/Cred Code</b>                                      | <b>CIP</b>  | <b>CIP Description</b>  |   |
|               |   | <b>Health Care</b>                 | <b>HCNA</b>  | <b>51.3902</b>  | <b>Nursing Assistant/Aide and Patient Care Assistant/Aide</b> | 7   |
|               |   |                                    |  | <b>HEKT</b>   | <b>51.0902</b>  | <b>Electrocardiograph Technology/Technician</b>   |
|               |   |                                    | <b>HMAA</b>  | <b>51.0710</b>  | <b>Medical Office Assistant/Specialist</b>                    | 1   |
|               |   |                                    |  | <b>51.0801</b>  | <b>Medical/Clinical Assistant</b>                             | 9   |
| <b>HMAI</b>   |   |                                    | <b>51.2603</b>   | <b>Medication Aide</b>  | 3   |   |
| <b>HMCA</b>   |   |                                    | <b>51.0801</b>   | <b>Medical/Clinical Assistant</b>   | 21  |   |
| <b>HMCP</b>   |   |                                    | <b>51.0713</b>   | <b>Medical Insurance Coding Specialist/Coder</b>                                    | 4   |   |
| <b>HPCT</b>   |   |                                    | <b>51.0801</b>   | <b>Medical/Clinical Assistant</b>   | 1   |   |
| <b>HPL2</b>   |   |                                    | <b>51.1009</b>   | <b>Phlebotomy Technician/Phlebotomist</b>   | 22  |   |

|                        |                                |                           |   |  |    |
|------------------------|--------------------------------|---------------------------|---|--|----|
| Information Technology | IACP                           | 11.0902                   | Cloud Computing   | 1  |    |
|                        | ITAC                           | 11.0103                   | Information Technology  | 2  |    |
|                        | ITNK                           | 11.0103                   | Information Technology  | 1  |    |
|                        | ITSC                           | 11.0103                   | Information Technology  | 5  |    |
|                        | IWJS                           | 11.0202                   | Computer Programming, Specific Applications                   | 1  |    |
|                        |                                | 11.0801                   | Web Page, Digital/Multimedia and Information Resources Design | 1  |    |
|                        | Manufacturing & Skilled Trades | FCAW                      | 48.0508   | Welding Technology/Welder                                  | 13 |
|                        |                                | MGMW                      | 48.0508   | Welding Technology/Welder                                  | 6  |
|                        |                                | MGTW                      | 48.0508   | Welding Technology/Welder                                  | 1  |
|                        |                                | MNC1                      | 15.0613   | Manufacturing Engineering Technology/Technician            | 1  |
|                        |                                |                           | 47.0303   | Industrial Mechanics and Maintenance Technology/Technician | 1  |
|                        |                                | MNJ1                      | 47.0302   | Heavy Equipment Maintenance Technology/Technician          | 1  |
|                        |                                |                           | 48.0599   | Precision Metal Working, Other                             | 1  |
|                        |                                | MNM1                      | 48.0599   | Precision Metal Working, Other                             | 2  |
| MNS1                   |                                | 48.0506                   | Sheet Metal Technology/Sheetworking                           | 2  |    |
| MSMW                   | 48.0508                        | Welding Technology/Welder | 5   |  |    |
| Other                  | AHE1                           | 49.0202                   | Construction/Heavy Equipment/Earthmoving Equipment Operation  | 2  |    |
| <b>Subtotal</b>        |                                |                           |   | <b>122</b>   |    |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Brightpoint

|               |   |                               |                         |   | Completions  |     |
|---------------|---|-------------------------------|-------------------------|---|--|-----|
|               |   |                               |                         |   | Sum  |     |
| <b>Total</b>  |   |                               |                         |   | 342  |     |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>              | <b>CIP Description</b>  |  |     |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)         | 1  |     |
|               |   |                               | 51.1599                 | Mental and Social Health Services and Allied Professions, Other | 8  |     |
|               |   |                               | 51.3801                 | Registered Nursing/Registered Nurse                             | 24   |     |
|               |   | <b>CSC</b>                    | 51.1599                 | Mental and Social Health Services and Allied Professions, Other | 9  |     |
|               |   |                               | 51.3501                 | Massage Therapy/Therapeutic Massage                             | 1  |     |
|               |   |                               | 51.3901                 | Licensed Practical/Vocational Nurse Training                    | 3  |     |
|               |   | <b>Information Technology</b> | <b>AAS</b>              | 11.0101   | Computer and Information Sciences, General                                   | 7   |
|               |   |                               |                         | 11.0801   | Web Page, Digital/Multimedia and Information Resources Design                | 1   |
|               |   |                               | <b>CSC</b>              | 11.0101   | Computer and Information Sciences, General                                   | 5   |
|               |   |                               |                         | 15.0303   | Electrical, Electronic, and Communications Engineering Technology/Technician | 12  |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709                 | Child Care Provider/Assistant                                   | 3  |     |
|               |   | <b>CERT</b>                   | 19.0709                 | Child Care Provider/Assistant                                   | 4  |     |
|               |   | <b>CSC</b>                    | 19.0709                 | Child Care Provider/Assistant                                   | 4  |     |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0101                 | Architectural Engineering Technologies/Technicians              | 1  |     |
|               |   |                               | 15.0899                 | Mechanical Engineering Related Technologies/Technicians, Other  | 1  |     |
|               |   |                               | 46.0302                 | Electrician   | 2  |     |
|               |   |                               | 46.0000                 | Construction Trades, General                                    | 1  |     |
|               |   |                               | 15.0201                 | Civil Engineering Technologies/Technicians                      | 2  |     |
|               |   |                               | 15.0599                 | Environmental Control Technologies/Technicians, Other           | 1  |     |
|               |   |                               | 15.0699                 | Industrial Production Technologies/Technicians, Other           | 1  |     |
|               |   |                               | 48.0508                 | Welding Technology/Welder                                       | 2  |     |
|               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103                 | Criminal Justice/Law Enforcement Administration                 | 5  |     |
|               |   | <b>CSC</b>                    | 43.0103                 | Criminal Justice/Law Enforcement Administration                 | 5  |     |
|               | <b>Subtotal</b>                           |                               |                         |   |  | 103 |
|               | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b> | <b>CIP</b>  | <b>CIP Description</b>   |     |
|               |   | <b>Health Care</b>            | <b>HCNA</b>             | 51.3902   | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 21  |
|               |   |                               | <b>HCPB</b>             | 51.0713   | Medical Insurance Coding Specialist/Coder                                    | 2   |
| <b>HMCA</b>   |   |                               | 51.0801                 | Medical/Clinical Assistant                                      | 61   |     |
| <b>HMCP</b>   |   |                               | 51.0713                 | Medical Insurance Coding Specialist/Coder                       | 8  |     |
| <b>HPL2</b>   |   |                               | 51.1009                 | Phlebotomy Technician/Phlebotomist                              | 34   |     |

|                                |               |         |  |   |
|--------------------------------|---------------|---------|--|---|
| Information Technology         | IACP          | 11.0902 | Cloud Computing  | 3   |
|                                | ITAC          | 11.0103 | Information Technology   | 5   |
|                                | ITSC          | 11.0103 | Information Technology   | 5   |
| Manufacturing & Skilled Trades | CCSC          | 46.0000 | Construction Trades, General   | 35  |
|                                | CEL1          | 46.0302 | Electrician  | 12  |
|                                | HVC1          | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 13  |
|                                | MCLA          | 52.0203 | Logistics, Materials, and Supply Chain Management  | 9   |
|                                | MLPC          | 52.0203 | Logistics, Materials, and Supply Chain Management  | 8   |
|                                | MMST          | 48.0000 | Precision Production Trades, General   | 1   |
|                                | MNUT          | 48.0000 | Precision Production Trades, General   | 1   |
|                                | TCLT          | 52.0203 | Logistics, Materials, and Supply Chain Management  | 9   |
|                                | Public Safety | LETC    | 43.9999  | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other |
| Other                          | AHE1          | 49.0202 | Construction/Heavy Equipment/Earthmoving Equipment Operation                               | 6   |
|                                | AWZT          | 49.0207 | Flagging and Traffic Control   | 2   |
| <b>Subtotal</b>                |               |         |  | <b>239</b>  |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Central Virginia

|               |                      |   |   |  | Completions  |  |
|---------------|----------------------|---|---|--|--|--|
|               |                      |   |   |  | Sum  |  |
| <b>Total</b>  |                      |   |   |  | 164  |  |
|               | <b>Program Area</b>  | <b>Degree/Cred Code</b>                   | <b>CIP</b>                                | <b>CIP Description</b>   |  |  |
| <b>Credit</b> | <b>Health Care</b>   | <b>AAS</b>                                | 51.0904                                   | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2  |  |
|               |                      |   | 51.0908                                   | Respiratory Care Therapy/Therapist   | 6  |  |
|               |                      |   | 51.1004                                   | Clinical/Medical Laboratory Technician   | 3  |  |
|               |                      | <b>CSC</b>                                | 51.0707                                   | Health Information/Medical Records Technology/Technician                                   | 2  |  |
|               |                      |   | 51.0904                                   | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2  |  |
|               |                      | <b>Information Technology</b>             | <b>AAS</b>                                | 11.0101  | Computer and Information Sciences, General                                   | 1  |
|               |                      |   |   | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 1  |
|               |                      |   | <b>CSC</b>                                | 11.0101  | Computer and Information Sciences, General                                   | 2  |
|               |                      | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                                | 15.0613  | Manufacturing Engineering Technology/Technician                              | 1  |
|               |                      |   |   | <b>CERT</b>  | 48.0508  | Welding Technology/Welder                                    |
|               | 48.0599              |   | Precision Metal Working, Other            |  | 2  |  |
|               | <b>CSC</b>           |   | 46.0302                                   | Electrician  | 4  |  |
|               |                      |   | 47.0201                                   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6  |  |
|               |                      |   |   | 48.0508  | Welding Technology/Welder  | 19   |
|               | <b>DIPL</b>          |   | 48.0599                                   | Precision Metal Working, Other   | 6  |  |
|               |                      |   | 48.0599                                   | Precision Metal Working, Other   | 2  |  |
|               | <b>Public Safety</b> |   | <b>AAS</b>                                | 43.0103  | Criminal Justice/Law Enforcement Administration                              | 1  |
|               | <b>Subtotal</b>      |   |   |  |  | 62   |
|               | <b>Noncredit</b>     | <b>Program Area</b>                       | <b>Degree/Cred Code</b>                   | <b>CIP</b>   | <b>CIP Description</b>   |  |
|               |                      | <b>Health Care</b>                        | <b>HCNA</b>                               | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 9  |
| 51.0904       |                      |   |   | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1  |  |
| <b>HEM0</b>   |                      |   | 51.0904                                   | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 8  |  |
|               |                      |   | 51.0801                                   | Medical/Clinical Assistant   | 24   |  |
| <b>HPLT</b>   |                      |   | 51.1009                                   | Phlebotomy Technician/Phlebotomist   | 3  |  |
|               |                      |   | <b>Manufacturing &amp; Skilled Trades</b> | <b>BACP</b>  | 52.1001  | Human Resources Management/Personnel Administration, General |
| 52.1005       |                      | Human Resources Development               |   |  | 2  |  |
| <b>CCSC</b>   |                      | 46.0000                                   |   | Construction Trades, General   | 23   |  |
| <b>CEL1</b>   |                      | 46.0302                                   | Electrician                               | 2  |  |  |
| <b>CEL2</b>   |                      | 46.0302                                   | Electrician                               | 4  |  |  |
| <b>CEL3</b>   |                      | 46.0302                                   | Electrician                               | 5  |  |  |
| <b>CEL4</b>   |                      | 46.0302                                   | Electrician                               | 6  |  |  |

|  |                 |             |                |   |            |
|--|-----------------|-------------|----------------|---|------------|
|  |                 | <b>HVC1</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 12         |
|  |                 | <b>HVC2</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 1          |
|  | <b>Other</b>    | <b>TCLA</b> | <b>49.0205</b> | <b>Truck and Bus Driver/Commercial Vehicle Operator and Instructor</b>                            | 1          |
|  | <b>Subtotal</b> |             |                |   | <b>102</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Danville

|               |   |                                       |                |   | Completions   |    |
|---------------|---|---------------------------------------|----------------|---|---|----|
|               |   |                                       |                |   | Sum   |    |
| <b>Total</b>  |   |                                       |                |   | 160   |    |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>               | <b>CIP</b>     | <b>CIP Description</b>  |   |    |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                            | <b>51.0999</b> | <b>Allied Health Diagnostic, Intervention, and Treatment Professions, Other</b>     | 2   |    |
|               |   | <b>CSC</b>                            | <b>51.0601</b> | <b>Dental Assisting/Assistant</b>   | 1   |    |
|               |   |                                       | <b>51.0707</b> | <b>Health Information/Medical Records Technology/Technician</b>                     | 3   |    |
|               |   |                                       | <b>51.0799</b> | <b>Health and Medical Administrative Services, Other</b>                            | 2   |    |
|               |   |                                       | <b>51.1004</b> | <b>Clinical/Medical Laboratory Technician</b>                                       | 4   |    |
|               | <b>Information Technology</b>             | <b>AAS</b>                            | <b>11.0101</b> | <b>Computer and Information Sciences, General</b>                                   | 1   |    |
|               |   | <b>CERT</b>                           | <b>15.0303</b> | <b>Electrical, Electronic, and Communications Engineering Technology/Technician</b> | 8   |    |
|               |   |                                       | <b>CSC</b>     | <b>15.0303</b>  | <b>Electrical, Electronic, and Communications Engineering Technology/Technician</b>               | 1  |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>                            | <b>19.0709</b> | <b>Child Care Provider/Assistant</b>  | 1   |    |
|               |   | <b>CSC</b>                            | <b>19.0709</b> | <b>Child Care Provider/Assistant</b>  | 15  |    |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                            | <b>15.0612</b> | <b>Industrial Technology/Technician</b>   | 4   |    |
|               |   |                                       | <b>52.0499</b> | <b>Business Operations Support and Secretarial Services, Other</b>                  | 7   |    |
|               |   |                                       | <b>CERT</b>    | <b>46.0302</b>  | <b>Electrician</b>  | 7  |
|               |   |                                       |                | <b>47.0201</b>  | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 3  |
|               |   |                                       | <b>48.0508</b> | <b>Welding Technology/Welder</b>  | 7   |    |
|               |   |                                       | <b>52.0499</b> | <b>Business Operations Support and Secretarial Services, Other</b>                  | 2   |    |
|               |   |                                       | <b>CSC</b>     | <b>15.0699</b>  | <b>Industrial Production Technologies/Technicians, Other</b>                                      | 12 |
|               |   |                                       |                | <b>47.0105</b>  | <b>Industrial Electronics Technology/Technician</b>   | 11 |
|               |   |                                       |                | <b>48.0508</b>  | <b>Welding Technology/Welder</b>  | 9  |
|               |   |                                       |                | <b>48.0599</b>  | <b>Precision Metal Working, Other</b>   | 3  |
|               |   |                                       | <b>52.0499</b> | <b>Business Operations Support and Secretarial Services, Other</b>                  | 4   |    |
|               |   |                                       | <b>DIPL</b>    | <b>47.0105</b>  | <b>Industrial Electronics Technology/Technician</b>   | 9  |
|               |   |                                       |                | <b>47.0201</b>  | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 2  |
|               |   |                                       |                | <b>47.0604</b>  | <b>Automobile/Automotive Mechanics Technology/Technician</b>                                      | 9  |
|               |   |                                       |                | <b>48.0508</b>  | <b>Welding Technology/Welder</b>  | 5  |
|               | <b>48.0599</b>                            | <b>Precision Metal Working, Other</b> |                | 19  |   |    |
|               | <b>Public Safety</b>                      | <b>AAS</b>                            | <b>43.0103</b> | <b>Criminal Justice/Law Enforcement Administration</b>                              | 2   |    |
|               |   | <b>CERT</b>                           | <b>43.0103</b> | <b>Criminal Justice/Law Enforcement Administration</b>                              | 3   |    |

|                  |                                |                         |            |   |     |
|------------------|--------------------------------|-------------------------|------------|---|-----|
|                  |                                | CSC                     | 43.0103    | Criminal Justice/Law Enforcement Administration | 3   |
|                  | <b>Subtotal</b>                |                         |            |   | 159 |
| <b>Noncredit</b> | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b> | <b>CIP Description</b>                          |     |
|                  | Manufacturing & Skilled Trades | MGTW                    | 48.0508    | Welding Technology/Welder                       | 1   |
|                  | <b>Subtotal</b>                |                         |            |   | 1   |



**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Eastern Shore

|                                |                                |                         |                           |  | Completions  |  |
|--------------------------------|--------------------------------|-------------------------|---------------------------|--|--|--|
|                                |                                |                         |                           |  | Sum  |  |
| <b>Total</b>                   |                                |                         |                           |  | 45   |  |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>                | <b>CIP Description</b>   |  |  |
| <b>Credit</b>                  | Health Care                    | CERT                    | 51.3901                   | Licensed Practical/Vocational Nurse Training                             | 3  |  |
|                                |                                | CSC                     | 51.0707                   | Health Information/Medical Records Technology/Technician                 | 3  |  |
|                                |                                |                         | 51.0799                   | Health and Medical Administrative Services, Other                        | 2  |  |
|                                |                                |                         | 51.0999                   | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 1  |  |
|                                |                                |                         | 51.3901                   | Licensed Practical/Vocational Nurse Training                             | 1  |  |
|                                |                                |                         | Information Technology    | CSC  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician |
|                                | Early Childhood Development    | CSC                     | 19.0709                   | Child Care Provider/Assistant  | 3  |  |
|                                | Manufacturing & Skilled Trades | AAS                     | 15.0612                   | Industrial Technology/Technician   | 3  |  |
|                                |                                | CERT                    | 15.0699                   | Industrial Production Technologies/Technicians, Other                    | 1  |  |
|                                |                                | CSC                     | 47.0105                   | Industrial Electronics Technology/Technician                             | 2  |  |
|                                |                                | 48.0508                 | Welding Technology/Welder | 1  |  |  |
|                                | <b>Subtotal</b>                |                         |                           |  |  | 22   |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b>   | <b>CIP</b>   | <b>CIP Description</b>                                 |  |
|                                |                                | Health Care             | HCNA                      | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide | 8  |
| Information Technology         |                                | ITSC                    | 11.0103                   | Information Technology   | 1  |  |
| Manufacturing & Skilled Trades |                                | CCSC                    | 46.0000                   | Construction Trades, General   | 14   |  |
| <b>Subtotal</b>                |                                |                         |                           |  | 23   |  |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Germannanna

|   |   |                         |                         |  | Completions                                     |         |
|---|---|-------------------------|-------------------------|--|---|---------|
|   |   |                         |                         |  | Sum   |         |
| <b>Total</b>                              |   |                         |                         |  | 156   |         |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |   |         |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>              | 51.0806                 | Physical Therapy Assistant   | 8   |         |
|   |   |                         | 51.3801                 | Registered Nursing/Registered Nurse  | 22  |         |
|   |   | <b>CSC</b>              | 51.0601                 | Dental Assisting/Assistant   | 2   |         |
|   |   |                         | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 22  |         |
|   |   |                         | 51.3901                 | Licensed Practical/Vocational Nurse Training                                 | 2   |         |
|   | <b>Information Technology</b>             | <b>AAS</b>              | 11.0101                 | Computer and Information Sciences, General                                   | 11  |         |
|   |   |                         | 11.1003                 | Computer and Information Systems Security/Auditing/Information Assurance     | 20  |         |
|   |   | <b>CSC</b>              | 11.0101                 | Computer and Information Sciences, General                                   | 5   |         |
|   |   |                         | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician | 9   |         |
|   | <b>Early Childhood Development</b>        | <b>AAS</b>              | 19.0709                 | Child Care Provider/Assistant  | 4   |         |
|   |   |                         | CERT                    | 19.0709  | Child Care Provider/Assistant                   | 3       |
|   |   |                         | CSC                     | 19.0709  | Child Care Provider/Assistant                   | 3       |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>CSC</b>              | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                        | 1   |         |
|   |   |                         | 47.0604                 | Automobile/Automotive Mechanics Technology/Technician                        | 4   |         |
|   | <b>Public Safety</b>                      | <b>AAS</b>              | 43.0103                 | Criminal Justice/Law Enforcement Administration                              | 3   |         |
|   |   |                         | CERT                    | 43.0103  | Criminal Justice/Law Enforcement Administration | 1       |
|   |   |                         | CSC                     | 43.0103  | Criminal Justice/Law Enforcement Administration | 2       |
|   | <b>Subtotal</b>                           |                         |                         |  |   | 122     |
|   | <b>Noncredit</b>                          | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                          |         |
|   |   | <b>Health Care</b>      | <b>HMCA</b>             | 51.0801  | Medical/Clinical Assistant                      | 4       |
|   |   |                         |                         | <b>Information Technology</b>  | <b>BTIF</b>                                     | 11.0101 |
|   |   | 11.0103                 | Information Technology  |  |   | 3       |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CCSC</b>             | 46.0000                 | Construction Trades, General   | 17  |         |
|   |   |                         | CEL1                    | 46.0302  | Electrician                                     | 1       |
|   |   |                         | CEL2                    | 46.0302  | Electrician                                     | 1       |
|   |   |                         | CPL2                    | 46.0503  | Plumbing Technology/Plumber                     | 4       |
| <b>Other</b>                              |   | <b>AHE1</b>             | 49.0202                 | Construction/Heavy Equipment/Earthmoving Equipment Operation                 | 3   |         |
| <b>Subtotal</b>                           |   |                         |                         |  | 34  |         |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=J. Sargeant Reynolds

|               |   |                               |  |  | Completions                                |  |
|---------------|---|-------------------------------|--|--|--|--|
|               |   |                               |  |  | Sum  |  |
| <b>Total</b>  |   |                               |  |  | 169  |  |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>   | <b>CIP Description</b>   |  |  |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                  | 1  |  |
|               |   |                               | 51.0908  | Respiratory Care Therapy/Therapist                                       | 7  |  |
|               |   |                               | 51.1004  | Clinical/Medical Laboratory Technician                                   | 4  |  |
|               |   |                               | 51.1599  | Mental and Social Health Services and Allied Professions, Other          | 4  |  |
|               |   |                               | 51.1801  | Opticianry/Ophthalmic Dispensing Optician                                | 3  |  |
|               |   |                               | 51.3801  | Registered Nursing/Registered Nurse                                      | 14   |  |
|               |   | <b>CERT</b>                   | 51.0601  | Dental Assisting/Assistant   | 3  |  |
|               |   |                               | 51.3901  | Licensed Practical/Vocational Nurse Training                             | 4  |  |
|               |   | <b>CSC</b>                    | 51.0707  | Health Information/Medical Records Technology/Technician                 | 5  |  |
|               |   |                               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                  | 2  |  |
|               |   |                               | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 2  |  |
|               |   |                               | 51.1599  | Mental and Social Health Services and Allied Professions, Other          | 7  |  |
|               |   | <b>Information Technology</b> | <b>AAS</b>   | 11.0101  | Computer and Information Sciences, General | 15   |
|               |   |                               |  | <b>CSC</b>   | 11.0101                                    | Computer and Information Sciences, General |
|               | 15.0303                                   |                               | Electrical, Electronic, and Communications Engineering Technology/Technician |  | 17   |  |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>                    | 19.0709  | Child Care Provider/Assistant  | 11   |  |
|               |   | <b>CERT</b>                   | 19.0709  | Child Care Provider/Assistant  | 16   |  |
|               |   | <b>CSC</b>                    | 19.0709  | Child Care Provider/Assistant  | 39   |  |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>CERT</b>                   | 47.0605  | Diesel Mechanics Technology/Technician                                   | 1  |  |
|               |   | <b>CSC</b>                    | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician                    | 1  |  |
|               |   |                               | 48.0508  | Welding Technology/Welder  | 1  |  |
|               | <b>Public Safety</b>                      | <b>AAS</b>                    | 43.0103  | Criminal Justice/Law Enforcement Administration                          | 3  |  |
|               |   | <b>CSC</b>                    | 43.0103  | Criminal Justice/Law Enforcement Administration                          | 1  |  |
|               | <b>Subtotal</b>                           |                               |  |  |  | 169  |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Laurel Ridge

|   |   |  |                         |  | Completions  |           |
|---|---|--|-------------------------|--|--|-----------|
|   |   |  |                         |  | Sum  |           |
| <b>Total</b>                              |   |  |                         |  | 150  |           |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>  | <b>CIP</b>              | <b>CIP Description</b>   |  |           |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>   | 51.0707                 | Health Information/Medical Records Technology/Technician                 | 1  |           |
|   |   |  | 51.0909                 | Surgical Technology/Technologist   | 1  |           |
|   |   |  | 51.1004                 | Clinical/Medical Laboratory Technician                                   | 1  |           |
|   |   |  | 51.3801                 | Registered Nursing/Registered Nurse                                      | 11   |           |
|   |   | <b>CERT</b>  | 51.0799                 | Health and Medical Administrative Services, Other                        | 4  |           |
|   |   |  | 51.3901                 | Licensed Practical/Vocational Nurse Training                             | 4  |           |
|   |   | <b>CSC</b>   | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 1  |           |
|   |   |  | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General                               | 2         |
|   |   |  |                         | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance | 3         |
|   |   |  | <b>CSC</b>              | 11.0701  | Computer Science   | 2         |
|   | 15.0303                                   | Electrical, Electronic, and Communications Engineering Technology/Technician |                         | 12   |  |           |
|   | <b>Early Childhood Development</b>        | <b>AAS</b>   | 19.0709                 | Child Care Provider/Assistant  | 2  |           |
|   |   |  | 19.0709                 | Child Care Provider/Assistant  | 6  |           |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>   | 15.0000                 | Engineering Technologies/Technicians, General                            | 2  |           |
|   |   |  | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                    | 1  |           |
|   | <b>Subtotal</b>                           |  |                         |  |  | <b>53</b> |
|   | <b>Noncredit</b>                          | <b>Program Area</b>  | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |           |
|   |   | <b>Health Care</b>   | <b>HMAA</b>             | 51.0801  | Medical/Clinical Assistant   | 1         |
|   |   |  |                         | 51.0801  | Medical/Clinical Assistant   | 5         |
|   |   |  |                         | 51.1009  | Phlebotomy Technician/Phlebotomist                                       | 9         |
| <b>Information Technology</b>             |   | <b>BTIF</b>  | 11.0103                 | Information Technology   | 14   |           |
|   |   |  | 11.0101                 | Computer and Information Sciences, General                               | 5  |           |
|   |   |  | 11.0203                 | Computer Programming, Vendor/Product Certification                       | 1  |           |
|   |   |  | 11.0101                 | Computer and Information Sciences, General                               | 1  |           |
|   |   |  | 11.1005                 | Information Technology Project Management                                | 5  |           |
|   |   |  | 11.0103                 | Information Technology   | 13   |           |
|   |   |  | 11.0103                 | Information Technology   | 3  |           |
|   |   |  | 11.0103                 | Information Technology   | 3  |           |
|   |   |  | 11.1003                 | Computer and Information Systems Security/Auditing/Information Assurance | 1  |           |
|   |   |  | 11.0101                 | Computer and Information Sciences, General                               | 1  |           |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CEL1</b>  | 46.0302                 | Electrician  | 8  |           |
|   |   |  | 46.0302                 | Electrician  | 2  |           |

|  |                 |             |                |   |           |
|--|-----------------|-------------|----------------|---|-----------|
|  |                 | <b>CEL3</b> | <b>46.0302</b> | <b>Electrician</b>  | 1         |
|  |                 | <b>CPL4</b> | <b>46.0503</b> | <b>Plumbing Technology/Plumber</b>  | 2         |
|  |                 | <b>CPMT</b> | <b>46.0412</b> | <b>Building/Construction Site Management/Manager</b>  | 1         |
|  |                 | <b>HVC1</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 6         |
|  |                 | <b>HVC2</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 2         |
|  |                 | <b>HVC3</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 2         |
|  |                 | <b>HVC4</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 4         |
|  |                 | <b>MACE</b> | <b>46.0302</b> | <b>Electrician</b>  | 1         |
|  |                 |             | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 1         |
|  |                 | <b>MFMS</b> | <b>47.0303</b> | <b>Industrial Mechanics and Maintenance Technology/Technician</b>                                 | 1         |
|  | <b>Other</b>    | <b>AHE1</b> | <b>49.0202</b> | <b>Construction/Heavy Equipment/Earthmoving Equipment Operation</b>                               | 3         |
|  |                 | <b>MFMS</b> | <b>14.1901</b> | <b>Mechanical Engineering</b>   | 1         |
|  | <b>Subtotal</b> |             |                |   | <b>97</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Mountain Empire

|               |   |                                    |            |  | Completions  |    |
|---------------|---|------------------------------------|------------|--|--|----|
|               |   |                                    |            |  | Sum  |    |
| <b>Total</b>  |   |                                    |            |  | 243  |    |
|               | <b>Program Area</b>                             | <b>Degree/Cred Code</b>            | <b>CIP</b> | <b>CIP Description</b>   |  |    |
| <b>Credit</b> | <b>Health Care</b>                              | <b>AAS</b>                         | 51.0707    | Health Information/Medical Records Technology/Technician                                   | 3  |    |
|               |   |                                    | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 3  |    |
|               |   |                                    | 51.0908    | Respiratory Care Therapy/Therapist   | 7  |    |
|               |   |                                    | 51.3801    | Registered Nursing/Registered Nurse  | 10   |    |
|               |   | <b>CERT</b>                        | 51.0601    | Dental Assisting/Assistant   | 4  |    |
|               |   |                                    | 51.3901    | Licensed Practical/Vocational Nurse Training   | 12   |    |
|               |   | <b>CSC</b>                         | 51.0601    | Dental Assisting/Assistant   | 2  |    |
|               |   |                                    | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 6  |    |
|               |   |                                    | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 28   |    |
|               |   |                                    | 51.1004    | Clinical/Medical Laboratory Technician   | 10   |    |
|               |   | <b>Information Technology</b>      | <b>CSC</b> | 11.0101  | Computer and Information Sciences, General                                   | 7  |
|               |   |                                    |            | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 9  |
|               |   |                                    | <b>CSC</b> | 19.0709  | Child Care Provider/Assistant  | 12 |
|               |   | <b>Early Childhood Development</b> | <b>CSC</b> | 19.0709  | Child Care Provider/Assistant  | 5  |
|               | <b>Manufacturing &amp; Skilled Trades</b>       | <b>AAS</b>                         | 15.0599    | Environmental Control Technologies/Technicians, Other                                      | 13   |    |
|               |   |                                    | 15.0612    | Industrial Technology/Technician   | 3  |    |
|               |   |                                    | 15.0699    | Industrial Production Technologies/Technicians, Other                                      | 2  |    |
|               |   |                                    | 52.0499    | Business Operations Support and Secretarial Services, Other                                | 2  |    |
|               |   | <b>CERT</b>                        | 15.0699    | Industrial Production Technologies/Technicians, Other                                      | 2  |    |
|               |   |                                    | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  |    |
|               |   | <b>CSC</b>                         | 48.0508    | Welding Technology/Welder  | 2  |    |
|               |   |                                    | 15.0599    | Environmental Control Technologies/Technicians, Other                                      | 7  |    |
|               |   |                                    | 15.0613    | Manufacturing Engineering Technology/Technician  | 2  |    |
|               |   |                                    | 15.0901    | Mining Technology/Technician   | 2  |    |
|               |   |                                    | 46.0000    | Construction Trades, General   | 31   |    |
|               |   |                                    | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3  |    |
|               |   | <b>Public Safety</b>               | <b>AAS</b> | 48.0508  | Welding Technology/Welder  | 31 |
| 43.0102       | Corrections                                     |                                    |            | 1  |  |    |
| 43.0103       | Criminal Justice/Law Enforcement Administration |                                    |            | 2  |  |    |

|                  |   |                         |                |  |     |
|------------------|---|-------------------------|----------------|--|-----|
|                  | <b>Subtotal</b>                           |                         |                |  | 222 |
| <b>Noncredit</b> | <b>Program Area</b>                       | <b>Degree/Cred Code</b> | <b>CIP</b>     | <b>CIP Description</b>   |     |
|                  | <b>Health Care</b>                        | <b>HCL</b>              | <b>51.9999</b> | <b>Health Professions and Related Clinical Sciences, Other</b>           | 1   |
|                  |   | <b>HEMP</b>             | <b>51.0904</b> | <b>Emergency Medical Technology/Technician (EMT Paramedic)</b>           | 1   |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>CCSC</b>             | <b>46.0000</b> | <b>Construction Trades, General</b>                                      | 1   |
|                  |   | <b>PLW1</b>             | <b>46.0301</b> | <b>Electrical and Power Transmission Installation/Installer, General</b> | 18  |
|                  | <b>Subtotal</b>                           |                         |                |  | 21  |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Mountain Gateway

|                                |                                |                         |                         |  | Completions                |    |
|--------------------------------|--------------------------------|-------------------------|-------------------------|--|----------------------------|----|
|                                |                                |                         |                         |  | Sum                        |    |
| <b>Total</b>                   |                                |                         |                         |  | 67                         |    |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |                            |    |
| <b>Credit</b>                  | Health Care                    | AAS                     | 51.3801                 | Registered Nursing/Registered Nurse  | 9                          |    |
|                                |                                | CERT                    | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 10                         |    |
|                                |                                |                         | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 6                          |    |
|                                | Information Technology         | CSC                     | 11.0101                 | Computer and Information Sciences, General   | 1                          |    |
|                                | Early Childhood Development    | CSC                     | 19.0709                 | Child Care Provider/Assistant  | 1                          |    |
|                                | Manufacturing & Skilled Trades | CSC                     | 46.0302                 | Electrician  | 1                          |    |
|                                | <b>Subtotal</b>                |                         |                         |  |                            | 28 |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>     |    |
| Health Care                    |                                | HCNA                    | 51.3902                 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 6                          |    |
|                                |                                | HEMT                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2                          |    |
|                                |                                |                         | HMCA                    | 51.0801  | Medical/Clinical Assistant | 1  |
|                                |                                | HPL2                    | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 13                         |    |
| Manufacturing & Skilled Trades |                                | CCSC                    | 46.0000                 | Construction Trades, General   | 3                          |    |
|                                |                                | CEL3                    | 46.0302                 | Electrician  | 1                          |    |
|                                |                                | CIM3                    | 47.0302                 | Heavy Equipment Maintenance Technology/Technician  | 1                          |    |
|                                |                                | HVC1                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4                          |    |
|                                |                                | HVC3                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1                          |    |
|                                |                                | HVC4                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2                          |    |
|                                |                                | MGTW                    | 48.0508                 | Welding Technology/Welder  | 3                          |    |
|                                |                                | MSMW                    | 48.0508                 | Welding Technology/Welder  | 2                          |    |
| <b>Subtotal</b>                |                                |                         |                         |  | 39                         |    |



**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=New River

|               |   |                                    |   |  | Completions  |    |
|---------------|---|------------------------------------|---|--|--|----|
|               |   |                                    |   |  | Sum  |    |
| <b>Total</b>  |   |                                    |   |  | 218  |    |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>            | <b>CIP</b>  | <b>CIP Description</b>   |  |    |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                         | 51.1599   | Mental and Social Health Services and Allied Professions, Other          | 5  |    |
|               |   |                                    | 51.3801   | Registered Nursing/Registered Nurse                                      | 19   |    |
|               |   | <b>CERT</b>                        | 51.1599   | Mental and Social Health Services and Allied Professions, Other          | 2  |    |
|               |   |                                    | 51.3901   | Licensed Practical/Vocational Nurse Training                             | 5  |    |
|               |   |                                    | 51.0707   | Health Information/Medical Records Technology/Technician                 | 8  |    |
|               |   | <b>CSC</b>                         | 51.0799   | Health and Medical Administrative Services, Other                        | 6  |    |
|               |   |                                    | 51.0999   | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 5  |    |
|               |   |                                    | 11.0101   | Computer and Information Sciences, General                               | 6  |    |
|               |   | <b>Information Technology</b>      | <b>AAS</b>  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 8  |
|               |   |                                    |   | 11.0101  | Computer and Information Sciences, General                                   | 5  |
|               |   |                                    | <b>CSC</b>  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 26 |
|               |   |                                    |   | 19.0709  | Child Care Provider/Assistant  | 7  |
|               |   | <b>Early Childhood Development</b> | <b>CERT</b>   | 19.0709  | Child Care Provider/Assistant  | 7  |
|               |   |                                    | <b>CSC</b>  | 19.0709  | Child Care Provider/Assistant  | 7  |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                         | 15.1302   | CAD/CADD Drafting and/or Design Technology/Technician                    | 3  |    |
|               |   |                                    | 47.0105   | Industrial Electronics Technology/Technician                             | 11   |    |
|               |   |                                    | 48.0599   | Precision Metal Working, Other   | 3  |    |
|               |   |                                    | 52.0499   | Business Operations Support and Secretarial Services, Other              | 3  |    |
|               |   |                                    | <b>CERT</b>   | 48.0508  | Welding Technology/Welder  | 5  |
|               |   |                                    |   | 52.0499  | Business Operations Support and Secretarial Services, Other                  | 1  |
|               |   | <b>CSC</b>                         | 15.0000   | Engineering Technologies/Technicians, General                            | 6  |    |
|               |   |                                    | 15.0599   | Environmental Control Technologies/Technicians, Other                    | 4  |    |
|               |   |                                    | 15.0613   | Manufacturing Engineering Technology/Technician                          | 12   |    |
|               |   |                                    | 15.0699   | Industrial Production Technologies/Technicians, Other                    | 1  |    |
|               |   |                                    | 15.1302   | CAD/CADD Drafting and/or Design Technology/Technician                    | 3  |    |
|               |   |                                    | 46.0302   | Electrician  | 18   |    |
|               |   | 47.0105                            | Industrial Electronics Technology/Technician          | 1  |  |    |
|               |   | 47.0604                            | Automobile/Automotive Mechanics Technology/Technician | 4  |  |    |
|               | 48.0508                                   | Welding Technology/Welder          | 8   |  |  |    |

|                  |                                |                         |            |  |            |
|------------------|--------------------------------|-------------------------|------------|--|------------|
|                  |                                |                         | 48.0599    | Precision Metal Working, Other                               | 3          |
|                  |                                |                         | 52.0499    | Business Operations Support and Secretarial Services, Other  | 1          |
|                  | DIPL                           |                         | 47.0604    | Automobile/Automotive Mechanics Technology/Technician        | 5          |
|                  |                                |                         | 48.0599    | Precision Metal Working, Other                               | 1          |
|                  | <b>Subtotal</b>                |                         |            |  | <b>202</b> |
| <b>Noncredit</b> | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b> | <b>CIP Description</b>                                       |            |
|                  | Health Care                    | HCNA                    | 51.3902    | Nursing Assistant/Aide and Patient Care Assistant/Aide       | 1          |
|                  |                                | HMCA                    | 51.0801    | Medical/Clinical Assistant                                   | 7          |
|                  |                                | HPL2                    | 51.1009    | Phlebotomy Technician/Phlebotomist                           | 3          |
|                  | Manufacturing & Skilled Trades | ACMT                    | 46.0401    | Building/Property Maintenance                                | 2          |
|                  |                                | BACP                    | 52.1005    | Human Resources Development                                  | 1          |
|                  |                                | CCSC                    | 46.0000    | Construction Trades, General                                 | 1          |
|                  | Other                          | AHE1                    | 49.0202    | Construction/Heavy Equipment/Earthmoving Equipment Operation | 1          |
|                  | <b>Subtotal</b>                |                         |            |  | <b>16</b>  |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Northern Virginia

|               |   |  |                               |  | Completions                          |                        |
|---------------|---|--|-------------------------------|--|--------------------------------------|------------------------|
|               |   |  |                               |  | Sum                                  |                        |
| <b>Total</b>  |   |  |                               |  | 574                                  |                        |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>  | <b>CIP</b>                    | <b>CIP Description</b>   |                                      |                        |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>   | 01.8301                       | Veterinary/Animal Health Technology/Technician and Veterinary Assistant                    | 3                                    |                        |
|               |   |  | 51.0602                       | Dental Hygiene/Hygienist   | 5                                    |                        |
|               |   |  | 51.0707                       | Health Information/Medical Records Technology/Technician                                   | 1                                    |                        |
|               |   |  | 51.0803                       | Occupational Therapist Assistant   | 3                                    |                        |
|               |   |  | 51.0806                       | Physical Therapy Assistant   | 3                                    |                        |
|               |   |  | 51.0904                       | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1                                    |                        |
|               |   |  | 51.0910                       | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician                        | 4                                    |                        |
|               |   |  | 51.0911                       | Radiologic Technology/Science - Radiographer   | 1                                    |                        |
|               |   |  | 51.1004                       | Clinical/Medical Laboratory Technician   | 2                                    |                        |
|               |   |  | 51.3801                       | Registered Nursing/Registered Nurse  | 22                                   |                        |
|               |   |  | <b>CERT</b>                   | 51.0601  | Dental Assisting/Assistant           | 1                      |
|               |   |  |                               | 51.1501  | Substance Abuse/Addiction Counseling | 2                      |
|               |   |  | <b>CSC</b>                    | 51.1009  | Phlebotomy Technician/Phlebotomist   | 1                      |
|               |   |  | <b>Information Technology</b> | <b>AAS</b>   | 11.0103                              | Information Technology |
|               | 11.1003                                   | Computer and Information Systems Security/Auditing/Information Assurance |                               |  | 147                                  |                        |
|               | <b>CSC</b>                                | 11.0101  |                               | Computer and Information Sciences, General   | 9                                    |                        |
|               |   | 11.0801  |                               | Web Page, Digital/Multimedia and Information Resources Design                              | 5                                    |                        |
|               |   | 11.1001  |                               | Network and System Administration/Administrator  | 1                                    |                        |
|               |   | 11.1003  |                               | Computer and Information Systems Security/Auditing/Information Assurance                   | 44                                   |                        |
|               |   | 11.1099  |                               | Computer/Information Technology Services Administration and Management, Other              | 3                                    |                        |
|               |   |  |                               |  |                                      | 3                      |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>   | 19.0709                       | Child Care Provider/Assistant  | 16                                   |                        |
|               |   | <b>CERT</b>  | 19.0709                       | Child Care Provider/Assistant  | 17                                   |                        |
|               |   | <b>CSC</b>   | 13.1210                       | Early Childhood Education and Teaching   | 22                                   |                        |
|               |   |  | 19.0799                       | Human Development, Family Studies, and Related Services, Other                             | 7                                    |                        |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>   | 15.0000                       | Engineering Technologies/Technicians, General  | 2                                    |                        |
|               |   |  | 15.0001                       | Applied Engineering Technologies/Technicians   | 3                                    |                        |
|               |   |  | 47.0201                       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3                                    |                        |
|               |   |  | 47.0604                       | Automobile/Automotive Mechanics Technology/Technician                                      | 9                                    |                        |
|               |   |  | 52.2001                       | Construction Management, General   | 2                                    |                        |
|               |   |  |                               |  |                                      | 2                      |

|           |                                |                  |         |  |     |
|-----------|--------------------------------|------------------|---------|--|-----|
|           |                                | CERT             | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1   |
|           |                                | CSC              | 15.0000 | Engineering Technologies/Technicians, General  | 3   |
|           |                                |                  | 46.0412 | Building/Construction Site Management/Manager  | 6   |
|           |                                |                  | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2   |
|           |                                |                  | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 5   |
|           |                                |                  | 47.0699 | Vehicle Maintenance and Repair Technologies/Technicians, Other                             | 6   |
|           | Public Safety                  | AAS              | 43.0103 | Criminal Justice/Law Enforcement Administration  | 2   |
|           |                                | CERT             | 43.0199 | Corrections and Criminal Justice, Other  | 2   |
|           |                                | CSC              | 43.0199 | Corrections and Criminal Justice, Other  | 2   |
|           | Subtotal                       |                  |         |  | 398 |
| Noncredit | Program Area                   | Degree/Cred Code | CIP     | CIP Description  |     |
|           | Health Care                    | HBCH             | 51.0713 | Medical Insurance Coding Specialist/Coder  | 32  |
|           |                                | HCNA             | 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 7   |
|           |                                | HMCA             | 51.0801 | Medical/Clinical Assistant   | 58  |
|           |                                | HMGJ             | 51.3501 | Massage Therapy/Therapeutic Massage  | 3   |
|           |                                | HPL2             | 51.1009 | Phlebotomy Technician/Phlebotomist   | 15  |
|           | Information Technology         | IACP             | 11.0902 | Cloud Computing  | 18  |
|           |                                | IASA             | 11.0902 | Cloud Computing  | 4   |
|           |                                | ICDC             | 11.0101 | Computer and Information Sciences, General   | 2   |
|           |                                | ICEH             | 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance                   | 3   |
|           |                                | ICLC             | 11.0203 | Computer Programming, Vendor/Product Certification   | 5   |
|           |                                |                  | 11.9999 | Computer and Information Sciences and Support Services, Other                              | 1   |
|           |                                | ITAC             | 11.0103 | Information Technology   | 6   |
|           |                                | ITNK             | 11.0103 | Information Technology   | 7   |
|           |                                | ITSC             | 11.0103 | Information Technology   | 10  |
|           | Manufacturing & Skilled Trades | AHEC             | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3   |
|           |                                | BACP             | 52.1005 | Human Resources Development  | 1   |
|           | Other                          | TCLA             | 49.0205 | Truck and Bus Driver/Commercial Vehicle Operator and Instructor                            | 1   |
|           | Subtotal                       |                  |         |  | 176 |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Patrick & Henry

|   |   |                                    |                         |  | Completions  |                            |
|---|---|------------------------------------|-------------------------|--|--|----------------------------|
|   |   |                                    |                         |  | Sum  |                            |
| <b>Total</b>                              |   |                                    |                         |  | 209  |                            |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>            | <b>CIP</b>              | <b>CIP Description</b>   |  |                            |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                         | 51.0806                 | Physical Therapy Assistant   | 8  |                            |
|   |   |                                    | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                  | 5  |                            |
|   |   |                                    | 51.3801                 | Registered Nursing/Registered Nurse                                      | 2  |                            |
|   |   | <b>CERT</b>                        | 51.3901                 | Licensed Practical/Vocational Nurse Training                             | 7  |                            |
|   |   |                                    | <b>CSC</b>              | 51.0799  | Health and Medical Administrative Services, Other                            | 1                          |
|   |   | 51.0904                            |                         | Emergency Medical Technology/Technician (EMT Paramedic)                  | 3  |                            |
|   |   | 51.0999                            |                         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 2  |                            |
|   |   | <b>Information Technology</b>      | <b>CSC</b>              | 11.0101  | Computer and Information Sciences, General                                   | 1                          |
|   |   |                                    |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 6                          |
|   |   | <b>Early Childhood Development</b> | <b>AAS</b>              | 19.0709  | Child Care Provider/Assistant  | 4                          |
|   | <b>CERT</b>                               |                                    |                         | 19.0709  | Child Care Provider/Assistant  | 4                          |
|   | <b>CSC</b>                                |                                    |                         | 19.0709  | Child Care Provider/Assistant  | 1                          |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                         | 15.0000                 | Engineering Technologies/Technicians, General                            | 2  |                            |
|   |   |                                    | 15.0612                 | Industrial Technology/Technician   | 2  |                            |
|   |   |                                    | 47.0105                 | Industrial Electronics Technology/Technician                             | 5  |                            |
|   |   |                                    | 52.0499                 | Business Operations Support and Secretarial Services, Other              | 1  |                            |
|   |   |                                    | <b>CERT</b>             | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician                        | 1                          |
|   |   |                                    |                         | 48.0508  | Welding Technology/Welder  | 5                          |
|   |   |                                    | <b>CSC</b>              | 15.0613  | Manufacturing Engineering Technology/Technician                              | 8                          |
|   |   |                                    |                         | 47.0105  | Industrial Electronics Technology/Technician                                 | 5                          |
|   |   |                                    |                         | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                        | 6                          |
|   |   |                                    |                         | 48.0508  | Welding Technology/Welder  | 7                          |
|   | <b>Subtotal</b>                           |                                    |                         |  |  | 86                         |
|   | <b>Noncredit</b>                          | <b>Program Area</b>                | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |                            |
|   |   | <b>Health Care</b>                 | <b>HCNA</b>             | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 3                          |
|   |   |                                    |                         | <b>HMCA</b>  | 51.0801  | Medical/Clinical Assistant |
|   |   |                                    | <b>HPL2</b>             | 51.1009  | Phlebotomy Technician/Phlebotomist   | 5                          |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CCSC</b>                        | 46.0000                 | Construction Trades, General   | 37   |                            |
|   |   |                                    | <b>CSM1</b>             | 46.0302  | Electrician  | 11                         |
|   |   |                                    | <b>CTOP</b>             | 47.0303  | Industrial Mechanics and Maintenance Technology/Technician                   | 1                          |

|  |                 |             |                |   |            |
|--|-----------------|-------------|----------------|---|------------|
|  |                 | <b>HVC1</b> | <b>47.0201</b> | <b>Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</b> | 15         |
|  |                 | <b>MFIF</b> | <b>15.0699</b> | <b>Industrial Production Technologies/Technicians, Other</b>                                      | 11         |
|  | <b>Other</b>    | <b>AHE1</b> | <b>49.0202</b> | <b>Construction/Heavy Equipment/Earthmoving Equipment Operation</b>                               | 4          |
|  |                 | <b>TCLA</b> | <b>49.0205</b> | <b>Truck and Bus Driver/Commercial Vehicle Operator and Instructor</b>                            | 3          |
|  | <b>Subtotal</b> |             |                |   | <b>123</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Paul D. Camp

|                                |                                |                         |  |  | Completions |
|--------------------------------|--------------------------------|-------------------------|--|--|-------------|
|                                |                                |                         |  |  | Sum         |
| <b>Total</b>                   |                                |                         |  |  | 50          |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |             |
| <b>Credit</b>                  | Health Care                    | AAS                     | 51.3801  | Registered Nursing/Registered Nurse  | 11          |
|                                |                                | CERT                    | 51.3901  | Licensed Practical/Vocational Nurse Training   |             |
|                                |                                | CSC                     | 51.1004  | Clinical/Medical Laboratory Technician   | 3           |
|                                | Information Technology         | CSC                     | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1           |
|                                |                                |                         |  |  | 4           |
|                                | Early Childhood Development    | AAS                     | 19.0709  | Child Care Provider/Assistant  |             |
|                                |                                | CSC                     | 19.0707  | Family and Community Services  | 1           |
|                                |                                | CSC                     | 19.0709  | Child Care Provider/Assistant  | 2           |
|                                | Manufacturing & Skilled Trades | CSC                     | 15.0699  | Industrial Production Technologies/Technicians, Other                                      | 1           |
|                                |                                |                         | 46.0302  | Electrician  | 1           |
|                                |                                |                         | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |             |
|                                |                                |                         |  |  | 1           |
|                                |                                |                         | 48.0508  | Welding Technology/Welder  | 2           |
| <b>Subtotal</b>                |                                |                         |  |  | <b>28</b>   |
| <b>Noncredit</b>               | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |             |
| Health Care                    |                                | HEKT                    | 51.0902  | Electrocardiograph Technology/Technician   | 1           |
|                                |                                | HMAI                    | 51.2603  | Medication Aide  | 1           |
|                                |                                | HMCA                    | 51.0801  | Medical/Clinical Assistant   | 1           |
|                                |                                | HPL2                    | 51.1009  | Phlebotomy Technician/Phlebotomist   | 1           |
| Manufacturing & Skilled Trades |                                | CCSC                    | 46.0000  | Construction Trades, General   | 3           |
|                                |                                | MCLA                    | 52.0203  | Logistics, Materials, and Supply Chain Management  | 2           |
|                                |                                | MIM2                    | 47.0101  | Electrical/Electronics Equipment Installation and Repair Technology/Technician, General    | 1           |
|                                |                                | MTW2                    | 47.0616  | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 1           |
|                                |                                | MWW                     | 48.0508  | Welding Technology/Welder  | 9           |
| Other                          | AHE1                           | 49.0202                 | Construction/Heavy Equipment/Earthmoving Equipment Operation |  |             |
|                                |                                |                         |  |  | 2           |
| <b>Subtotal</b>                |                                |                         |  |  | <b>22</b>   |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Piedmont Virginia

|                                |                             |                         |                         |  | Completions  |  |
|--------------------------------|-----------------------------|-------------------------|-------------------------|--|--|--|
|                                |                             |                         |                         |  | Sum  |  |
| <b>Total</b>                   |                             |                         |                         |  | 123  |  |
|                                | <b>Program Area</b>         | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |  |  |
| <b>Credit</b>                  | Health Care                 | AAS                     | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1  |  |
|                                |                             |                         | 51.0910                 | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician                        | 4  |  |
|                                |                             |                         | 51.0911                 | Radiologic Technology/Science - Radiographer   | 7  |  |
|                                |                             |                         | 51.3801                 | Registered Nursing/Registered Nurse  | 17   |  |
|                                |                             | CERT                    | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 6  |  |
|                                |                             | CSC                     | 51.0707                 | Health Information/Medical Records Technology/Technician                                   | 2  |  |
|                                |                             |                         | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 2  |  |
|                                |                             |                         | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 1  |  |
|                                |                             | Information Technology  | AAS                     | 11.0101  | Computer and Information Sciences, General   | 6  |
|                                |                             |                         |                         | CSC  | 11.0101  | Computer and Information Sciences, General |
|                                | CSC                         |                         | 11.0801                 | Web Page, Digital/Multimedia and Information Resources Design                              | 1  |  |
|                                |                             |                         | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1  |  |
|                                | Early Childhood Development | CSC                     | 19.0709                 | Child Care Provider/Assistant  | 2  |  |
|                                | Public Safety               | AAS                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 1  |  |
|                                |                             | CSC                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 1  |  |
|                                | <b>Subtotal</b>             |                         |                         |  |  | 54   |
|                                | <b>Noncredit</b>            | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |  |
|                                |                             | Health Care             | HCNA                    | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 2  |
| HMCA                           |                             |                         | 51.0801                 | Medical/Clinical Assistant   | 18   |  |
| HPL2                           |                             |                         | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 12   |  |
| Information Technology         |                             | ITAC                    | 11.0103                 | Information Technology   | 1  |  |
| Manufacturing & Skilled Trades |                             | AESC                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7  |  |
|                                |                             |                         | AHEC                    | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3  |
|                                |                             | CCSC                    | 46.0000                 | Construction Trades, General   | 8  |  |
|                                |                             | CEL1                    | 46.0302                 | Electrician  | 3  |  |
|                                |                             | MWW                     | 48.0508                 | Welding Technology/Welder  | 2  |  |



|  |                 |             |                |  |           |
|--|-----------------|-------------|----------------|--|-----------|
|  | <b>Other</b>    | <b>AHE1</b> | <b>49.0202</b> | <b>Construction/Heavy Equipment/Earthmoving<br/>Equipment Operation</b>    | 3         |
|  |                 | <b>AHE2</b> | <b>49.0202</b> | <b>Construction/Heavy Equipment/Earthmoving<br/>Equipment Operation</b>    | 3         |
|  |                 | <b>TCLE</b> | <b>49.0205</b> | <b>Truck and Bus Driver/Commercial Vehicle Operator<br/>and Instructor</b> | 7         |
|  | <b>Subtotal</b> |             |                |  | <b>69</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Rappahannock

|                                |                     |                                |                         |   | Completions                            |
|--------------------------------|---------------------|--------------------------------|-------------------------|---|--|
|                                |                     |                                |                         |   | Sum                                    |
| <b>Total</b>                   |                     |                                |                         |   | 52                                     |
|                                | <b>Program Area</b> | <b>Degree/Cred Code</b>        | <b>CIP</b>              | <b>CIP Description</b>                                  |  |
| <b>Credit</b>                  | Health Care         | AAS                            | 51.3801                 | Registered Nursing/Registered Nurse                     | 9                                      |
|                                |                     | CERT                           | 51.3901                 | Licensed Practical/Vocational Nurse Training            | 4                                      |
|                                |                     | CSC                            | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic) | 5                                      |
|                                |                     |                                | 51.1004                 | Clinical/Medical Laboratory Technician                  | 1                                      |
|                                |                     |                                | 51.3801                 | Registered Nursing/Registered Nurse                     | 6                                      |
|                                |                     | Manufacturing & Skilled Trades | CSC                     | 47.0605   | Diesel Mechanics Technology/Technician |
|                                | Public Safety       | AAS                            | 43.0103                 | Criminal Justice/Law Enforcement Administration         | 2                                      |
|                                | <b>Subtotal</b>     |                                |                         |   | <b>28</b>                              |
|                                | <b>Noncredit</b>    | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>  | <b>CIP Description</b>                 |
| Health Care                    |                     | HCNA                           | 51.3902                 | Nursing Assistant/Aide and Patient Care Assistant/Aide  | 1                                      |
|                                |                     | HMAI                           | 51.2603                 | Medication Aide   | 4                                      |
| Manufacturing & Skilled Trades |                     | FCAW                           | 48.0508                 | Welding Technology/Welder                               | 5                                      |
|                                |                     | MAPP                           | 48.0508                 | Welding Technology/Welder                               | 2                                      |
|                                |                     | MGMW                           | 48.0508                 | Welding Technology/Welder                               | 3                                      |
|                                |                     | MGTW                           | 48.0508                 | Welding Technology/Welder                               | 3                                      |
|                                |                     | MSMW                           | 48.0508                 | Welding Technology/Welder                               | 6                                      |
| <b>Subtotal</b>                |                     |                                |                         |   | <b>24</b>                              |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Southside Virginia

|                                |                                |                         |                         |  | Completions  |    |
|--------------------------------|--------------------------------|-------------------------|-------------------------|--|--|----|
|                                |                                |                         |                         |  | Sum  |    |
| <b>Total</b>                   |                                |                         |                         |  | 113  |    |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |  |    |
| <b>Credit</b>                  | Health Care                    | AAS                     | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2  |    |
|                                |                                |                         | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 9  |    |
|                                |                                |                         | 51.3801                 | Registered Nursing/Registered Nurse  | 9  |    |
|                                |                                | CERT                    | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 2  |    |
|                                |                                |                         | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 1  |    |
|                                |                                | CSC                     | 51.0799                 | Health and Medical Administrative Services, Other  | 2  |    |
|                                |                                |                         | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 1  |    |
|                                |                                |                         | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 3  |    |
|                                |                                | Information Technology  | AAS                     | 11.0101  | Computer and Information Sciences, General         | 2  |
|                                |                                |                         |                         | 11.0901  | Computer Systems Networking and Telecommunications | 1  |
|                                | CSC                            |                         | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2  |    |
|                                | Early Childhood Development    | CSC                     | 19.0709                 | Child Care Provider/Assistant  | 2  |    |
|                                | Manufacturing & Skilled Trades | AAS                     | 15.0612                 | Industrial Technology/Technician   | 1  |    |
|                                |                                |                         | 52.0499                 | Business Operations Support and Secretarial Services, Other                                | 3  |    |
|                                | Public Safety                  | AAS                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 1  |    |
|                                | <b>Subtotal</b>                |                         |                         |  |  | 41 |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                             |    |
| Health Care                    |                                | HCNA                    | 51.3902                 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 2  |    |
|                                |                                | HPTE                    | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 11   |    |
| Manufacturing & Skilled Trades |                                | HVC1                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6  |    |
|                                |                                | HVC2                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  |    |
|                                |                                | MGMW                    | 48.0508                 | Welding Technology/Welder  | 4  |    |
|                                |                                | MPIF                    | 15.1701                 | Energy Systems Technology/Technician   | 17   |    |
|                                |                                | PLW1                    | 46.0301                 | Electrical and Power Transmission Installation/Installer, General                          | 17   |    |
|                                |                                | THTB                    | 47.0604                 | Automobile/Automotive Mechanics Technology/Technician                                      | 2  |    |
|                                |                                | THTE                    | 47.0604                 | Automobile/Automotive Mechanics Technology/Technician                                      | 2  |    |

|  |                 |             |                |  |           |
|--|-----------------|-------------|----------------|--|-----------|
|  |                 | <b>THTM</b> | <b>47.0604</b> | <b>Automobile/Automotive Mechanics Technology/Technician</b> | <b>2</b>  |
|  |                 | <b>TSP2</b> | <b>47.0605</b> | <b>Diesel Mechanics Technology/Technician</b>                | <b>2</b>  |
|  |                 | <b>TTDE</b> | <b>47.0604</b> | <b>Automobile/Automotive Mechanics Technology/Technician</b> | <b>2</b>  |
|  | <b>Subtotal</b> |             |                |  | <b>72</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Southwest Virginia

|               |                      |   |                         |  | Completions  |     |
|---------------|----------------------|---|-------------------------|--|--|-----|
|               |                      |   |                         |  | Sum  |     |
| <b>Total</b>  |                      |   |                         |  | 269  |     |
|               | <b>Program Area</b>  | <b>Degree/Cred Code</b>                   | <b>CIP</b>              | <b>CIP Description</b>   |  |     |
| <b>Credit</b> | <b>Health Care</b>   | <b>AAS</b>                                | 51.0803                 | Occupational Therapist Assistant   | 3  |     |
|               |                      |   | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 3  |     |
|               |                      |   | 51.0911                 | Radiologic Technology/Science - Radiographer   | 3  |     |
|               |                      |   | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 3  |     |
|               |                      |   | 51.3801                 | Registered Nursing/Registered Nurse  | 11   |     |
|               |                      | <b>CERT</b>                               | 51.0999                 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 13   |     |
|               |                      |   | 51.1501                 | Substance Abuse/Addiction Counseling   | 1  |     |
|               |                      |   | 51.3901                 | Licensed Practical/Vocational Nurse Training   | 7  |     |
|               |                      |   | <b>CSC</b>              | 51.0707  | Health Information/Medical Records Technology/Technician                                   | 11  |
|               |                      |   |                         | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 10  |
|               |                      | 51.0999                                   |                         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 3  |     |
|               |                      | 51.1004                                   |                         | Clinical/Medical Laboratory Technician   | 1  |     |
|               |                      | <b>Information Technology</b>             | <b>AAS</b>              | 11.0101  | Computer and Information Sciences, General   | 3   |
|               |                      |   |                         | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician               | 3   |
|               |                      |   | <b>CSC</b>              | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician               | 7   |
|               |                      | <b>Early Childhood Development</b>        | <b>AAS</b>              | 19.0709  | Child Care Provider/Assistant  | 2   |
|               |                      |   | <b>CSC</b>              | 19.0709  | Child Care Provider/Assistant  | 4   |
|               |                      | <b>Manufacturing &amp; Skilled Trades</b> | <b>CERT</b>             | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3   |
|               |                      |   | <b>CSC</b>              | 15.0613  | Manufacturing Engineering Technology/Technician  | 1   |
|               | 47.0201              |   |                         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6  |     |
|               | 47.0604              |   |                         | Automobile/Automotive Mechanics Technology/Technician                                      | 1  |     |
|               | 48.0508              |   |                         | Welding Technology/Welder  | 9  |     |
|               | <b>Public Safety</b> | <b>AAS</b>                                | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 4  |     |
|               |                      | <b>CERT</b>                               | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 4  |     |
|               | <b>Subtotal</b>      |   |                         |  |  | 116 |
|               | <b>Noncredit</b>     | <b>Program Area</b>                       | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>   |     |

|                                |      |         |  |            |
|--------------------------------|------|---------|--|------------|
| Health Care                    | HCNA | 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide       | 4          |
|                                | HPL2 | 51.1009 | Phlebotomy Technician/Phlebotomist                           | 12         |
| Information Technology         | ITAC | 11.0101 | Computer and Information Sciences, General                   | 1          |
|                                |      | 11.0103 | Information Technology                                       | 1          |
| Manufacturing & Skilled Trades | CCL1 | 46.0201 | Carpentry/Carpenter  | 3          |
|                                | CCSC | 46.0000 | Construction Trades, General                                 | 14         |
|                                | FCAW | 48.0508 | Welding Technology/Welder                                    | 19         |
|                                | MGMW | 48.0508 | Welding Technology/Welder                                    | 15         |
|                                | MGTW | 48.0508 | Welding Technology/Welder                                    | 6          |
|                                | MSMW | 48.0508 | Welding Technology/Welder                                    | 18         |
|                                | THTB | 47.0604 | Automobile/Automotive Mechanics Technology/Technician        | 4          |
|                                | THTE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician        | 9          |
|                                | THTM | 47.0604 | Automobile/Automotive Mechanics Technology/Technician        | 5          |
|                                | TTDE | 47.0604 | Automobile/Automotive Mechanics Technology/Technician        | 9          |
|                                | TTSS | 47.0604 | Automobile/Automotive Mechanics Technology/Technician        | 5          |
| Other                          | AHE1 | 49.0202 | Construction/Heavy Equipment/Earthmoving Equipment Operation | 11         |
|                                | TWZF | 49.0207 | Flagging and Traffic Control                                 | 17         |
| <b>Subtotal</b>                |      |         |  | <b>153</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Tidewater

|               |   |                  |                                  |  | Completions  |  |    |
|---------------|---|------------------|----------------------------------|--|--|--|----|
|               |   |                  |                                  |  | Sum  |  |    |
| <b>Total</b>  |   |                  |                                  |  | 513  |  |    |
|               | Program Area                              | Degree/Cred Code | CIP                              | CIP Description  |  |  |    |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>       | 01.8301                          | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 9  |  |    |
|               |   |                  | 51.0707                          | Health Information/Medical Records Technology/Technician                     | 6  |  |    |
|               |   |                  | 51.0803                          | Occupational Therapist Assistant   | 14   |  |    |
|               |   |                  | 51.0806                          | Physical Therapy Assistant   | 13   |  |    |
|               |   |                  | 51.0904                          | Emergency Medical Technology/Technician (EMT Paramedic)                      | 1  |  |    |
|               |   |                  | 51.0908                          | Respiratory Care Therapy/Therapist   | 3  |  |    |
|               |   |                  | 51.0910                          | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician          | 8  |  |    |
|               |   |                  | 51.0911                          | Radiologic Technology/Science - Radiographer                                 | 3  |  |    |
|               |   |                  | 51.1004                          | Clinical/Medical Laboratory Technician                                       | 4  |  |    |
|               |   |                  | 51.1599                          | Mental and Social Health Services and Allied Professions, Other              | 5  |  |    |
|               |   |                  | 51.3801                          | Registered Nursing/Registered Nurse  | 10   |  |    |
|               |   |                  | <b>CERT</b>                      | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 1  |    |
|               |   |                  | <b>CSC</b>                       | 51.0799  | Health and Medical Administrative Services, Other                        | 7  |    |
|               |   |                  |                                  | 51.3901  | Licensed Practical/Vocational Nurse Training                             | 2  |    |
|               |   |                  | <b>Information Technology</b>    | <b>AAS</b>   | 11.0101  | Computer and Information Sciences, General                               | 5  |
|               |   |                  |                                  |  | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance | 24 |
|               |   |                  |                                  | <b>CERT</b>  | 11.0101  | Computer and Information Sciences, General                               | 1  |
|               | <b>CSC</b>                                | 11.0101          |                                  | Computer and Information Sciences, General                                   | 1  |  |    |
|               |   | 11.0801          |                                  | Web Page, Digital/Multimedia and Information Resources Design                | 1  |  |    |
|               |   | 15.0303          |                                  | Electrical, Electronic, and Communications Engineering Technology/Technician | 3  |  |    |
|               | <b>Early Childhood Development</b>        | <b>AAS</b>       | 19.0709                          | Child Care Provider/Assistant  | 10   |  |    |
|               |   | <b>CERT</b>      | 19.0709                          | Child Care Provider/Assistant  | 4  |  |    |
|               |   | <b>CSC</b>       | 13.1501                          | Teacher Assistant/Aide   | 25   |  |    |
|               |   |                  | 19.0709                          | Child Care Provider/Assistant  | 19   |  |    |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>       | 15.0201                          | Civil Engineering Technologies/Technicians                                   | 1  |  |    |
|               |   |                  | 15.0699                          | Industrial Production Technologies/Technicians, Other                        | 1  |  |    |
|               |   |                  | 15.0899                          | Mechanical Engineering Related Technologies/Technicians, Other               | 1  |  |    |
| 46.0302       |   |                  | Electrician                      | 1  |  |  |    |
| 47.0000       |   |                  | Mechanics and Repairers, General | 2  |  |  |    |

|                  |                                |                         |            |  |            |
|------------------|--------------------------------|-------------------------|------------|--|------------|
|                  |                                |                         | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2          |
|                  |                                |                         | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                                      | 4          |
|                  |                                | CERT                    | 48.0508    | Welding Technology/Welder  | 2          |
|                  |                                | CSC                     | 15.0613    | Manufacturing Engineering Technology/Technician  | 2          |
|                  |                                |                         | 15.0899    | Mechanical Engineering Related Technologies/Technicians, Other                             | 2          |
|                  |                                |                         | 46.0000    | Construction Trades, General   | 1          |
|                  |                                |                         | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                                      | 93         |
|                  |                                |                         | 48.0508    | Welding Technology/Welder  | 1          |
|                  | Public Safety                  | AAS                     | 43.0103    | Criminal Justice/Law Enforcement Administration  | 18         |
|                  |                                | CSC                     | 43.0103    | Criminal Justice/Law Enforcement Administration  | 14         |
|                  |                                |                         | 43.0203    | Fire Science/Fire-fighting   | 2          |
|                  |                                |                         | 43.0406    | Forensic Science and Technology  | 6          |
|                  | <b>Subtotal</b>                |                         |            |  | <b>332</b> |
| <b>Noncredit</b> | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b> | <b>CIP Description</b>   |            |
|                  | Health Care                    | HBCH                    | 51.0713    | Medical Insurance Coding Specialist/Coder  | 29         |
|                  |                                | HEKT                    | 51.0902    | Electrocardiograph Technology/Technician   | 3          |
|                  |                                | HMAA                    | 51.0710    | Medical Office Assistant/Specialist  | 1          |
|                  |                                |                         | 51.0801    | Medical/Clinical Assistant   | 15         |
|                  |                                | HMCA                    | 51.0801    | Medical/Clinical Assistant   | 11         |
|                  |                                | HMCP                    | 51.0713    | Medical Insurance Coding Specialist/Coder  | 4          |
|                  |                                | HPL2                    | 51.1009    | Phlebotomy Technician/Phlebotomist   | 40         |
|                  | Information Technology         | ITAC                    | 11.0103    | Information Technology   | 2          |
|                  | Manufacturing & Skilled Trades | CCSC                    | 46.0000    | Construction Trades, General   | 3          |
|                  |                                | FCAW                    | 48.0508    | Welding Technology/Welder  | 2          |
|                  |                                | MCLA                    | 52.0203    | Logistics, Materials, and Supply Chain Management  | 6          |
|                  |                                | MGMW                    | 48.0508    | Welding Technology/Welder  | 22         |
|                  |                                | MNJ1                    | 47.0302    | Heavy Equipment Maintenance Technology/Technician  | 3          |
|                  |                                | MSMW                    | 48.0508    | Welding Technology/Welder  | 37         |
|                  |                                | MTW2                    | 47.0616    | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 1          |
|                  |                                | TCLT                    | 52.0203    | Logistics, Materials, and Supply Chain Management  | 2          |
|                  | <b>Subtotal</b>                |                         |            |  | <b>181</b> |



**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Virginia Highlands

|                    |                      |   |                                |  | Completions  |   |
|--------------------|----------------------|---|--------------------------------|--|--|---|
|                    |                      |   |                                |  | Sum  |   |
| <b>Total</b>       |                      |   |                                |  | 218  |   |
|                    | <b>Program Area</b>  | <b>Degree/Cred Code</b>                   | <b>CIP</b>                     | <b>CIP Description</b>   |  |   |
| <b>Credit</b>      | <b>Health Care</b>   | <b>AAS</b>                                | 51.0904                        | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2  |   |
|                    |                      |   | 51.0911                        | Radiologic Technology/Science - Radiographer   | 1  |   |
|                    |                      |   | 51.3801                        | Registered Nursing/Registered Nurse  | 17   |   |
|                    |                      | <b>CERT</b>                               | 51.0999                        | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 4  |   |
|                    |                      |   | 51.3901                        | Licensed Practical/Vocational Nurse Training   | 2  |   |
|                    |                      |   | <b>CSC</b>                     | 51.0707  | Health Information/Medical Records Technology/Technician                                   | 2   |
|                    |                      | 51.0801                                   |                                | Medical/Clinical Assistant   | 10   |   |
|                    |                      | 51.1599                                   |                                | Mental and Social Health Services and Allied Professions, Other                            | 3  |   |
|                    |                      | <b>Information Technology</b>             | <b>AAS</b>                     | 11.0101  | Computer and Information Sciences, General   | 2   |
|                    |                      |   | <b>CSC</b>                     | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician               | 5   |
|                    |                      | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                     | 15.0612  | Industrial Technology/Technician   | 2   |
|                    |                      |   |                                | 46.0302  | Electrician  | 7   |
|                    |                      |   |                                | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6   |
|                    |                      |   |                                | 48.0599  | Precision Metal Working, Other   | 3   |
|                    | <b>CERT</b>          |   |                                | 46.0302  | Electrician  | 6   |
|                    |                      |   |                                | <b>CSC</b>   | 15.0613  | Manufacturing Engineering Technology/Technician |
|                    | 15.0699              |   |                                |  | Industrial Production Technologies/Technicians, Other                                      | 4   |
|                    | 46.0302              |   |                                |  | Electrician  | 13  |
|                    | 47.0201              |   |                                | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 15   |   |
|                    | 47.0605              |   |                                | Diesel Mechanics Technology/Technician   | 6  |   |
|                    | 48.0508              |   | Welding Technology/Welder      | 22   |  |   |
|                    | 48.0599              |   | Precision Metal Working, Other | 4  |  |   |
|                    | <b>Public Safety</b> |   | <b>AAS</b>                     | 43.0103  | Criminal Justice/Law Enforcement Administration  | 2   |
|                    |                      | <b>CSC</b>                                | 43.0102                        | Corrections  | 1  |   |
|                    |                      |   | 43.0103                        | Criminal Justice/Law Enforcement Administration  | 6  |   |
|                    | <b>Subtotal</b>      |   |                                |  |  | 147   |
|                    | <b>Noncredit</b>     | <b>Program Area</b>                       | <b>Degree/Cred Code</b>        | <b>CIP</b>   | <b>CIP Description</b>   |   |
| <b>Health Care</b> |                      | <b>HBCH</b>                               | 51.0713                        | Medical Insurance Coding Specialist/Coder  | 9  |   |
|                    |                      | <b>HCNA</b>                               | 51.3902                        | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 27   |   |

|   |  |             |                |  |           |
|---|--|-------------|----------------|--|-----------|
|   |  | <b>HPL2</b> | <b>51.1009</b> | <b>Phlebotomy Technician/Phlebotomist</b>                                | <b>28</b> |
| <b>Manufacturing &amp; Skilled Trades</b> |  | <b>CPVA</b> | <b>47.0303</b> | <b>Industrial Mechanics and Maintenance Technology/Technician</b>        | <b>1</b>  |
|   |  |             | <b>47.0703</b> | <b>Solar Energy System Installation and Repair Technology/Technician</b> | <b>1</b>  |
| <b>Other</b>                              |  | <b>TRPC</b> | <b>36.0207</b> | <b>Remote Aircraft Pilot</b>   | <b>5</b>  |
| <b>Subtotal</b>                           |  |             |                |  | <b>71</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Virginia Peninsula

|                                |                                |                         |                         |  | Completions  |    |
|--------------------------------|--------------------------------|-------------------------|-------------------------|--|--|----|
|                                |                                |                         |                         |  | Sum  |    |
| <b>Total</b>                   |                                |                         |                         |  | 318  |    |
|                                | <b>Program Area</b>            | <b>Degree/Cred Code</b> | <b>CIP</b>              | <b>CIP Description</b>   |  |    |
| <b>Credit</b>                  | Health Care                    | AAS                     | 51.0602                 | Dental Hygiene/Hygienist   | 2  |    |
|                                |                                |                         | 51.0904                 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1  |    |
|                                |                                |                         | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 6  |    |
|                                |                                |                         | 51.3801                 | Registered Nursing/Registered Nurse  | 5  |    |
|                                |                                | CSC                     | 51.1599                 | Mental and Social Health Services and Allied Professions, Other                            | 3  |    |
|                                | Information Technology         | AAS                     | 11.0101                 | Computer and Information Sciences, General   | 9  |    |
|                                |                                | CSC                     | 15.0303                 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 5  |    |
|                                | Early Childhood Development    | AAS                     | 19.0709                 | Child Care Provider/Assistant  | 2  |    |
|                                |                                | CERT                    | 19.0709                 | Child Care Provider/Assistant  | 1  |    |
|                                |                                | CSC                     | 19.0709                 | Child Care Provider/Assistant  | 1  |    |
|                                | Manufacturing & Skilled Trades | AAS                     | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1  |    |
|                                |                                | CERT                    | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1  |    |
|                                |                                | CSC                     | 15.1302                 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1  |    |
|                                | Public Safety                  | AAS                     | 43.0103                 | Criminal Justice/Law Enforcement Administration  | 2  |    |
|                                | <b>Subtotal</b>                |                         |                         |  |  | 40 |
|                                | <b>Noncredit</b>               | <b>Program Area</b>     | <b>Degree/Cred Code</b> | <b>CIP</b>   | <b>CIP Description</b>                                 |    |
|                                |                                | Health Care             | HCNA                    | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide | 13 |
|                                |                                |                         | HMAA                    | 51.0801  | Medical/Clinical Assistant                             | 13 |
|                                |                                |                         | HMCA                    | 51.0801  | Medical/Clinical Assistant                             | 20 |
| HPL2                           |                                |                         | 51.1009                 | Phlebotomy Technician/Phlebotomist   | 33   |    |
| Information Technology         |                                | ITAC                    | 11.0103                 | Information Technology   | 2  |    |
| Manufacturing & Skilled Trades |                                | CEL1                    | 46.0302                 | Electrician  | 11   |    |
|                                |                                | CEL2                    | 46.0302                 | Electrician  | 4  |    |
|                                |                                | FCAW                    | 48.0508                 | Welding Technology/Welder  | 45   |    |
|                                |                                | HVC1                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 6  |    |
|                                |                                | HVC2                    | 47.0201                 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  |    |
|                                |                                | MGMW                    | 48.0508                 | Welding Technology/Welder  | 22   |    |
|                                |                                | MGTW                    | 48.0508                 | Welding Technology/Welder  | 15   |    |
|                                |                                | MMTE                    | 47.0616                 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 16   |    |
|                                |                                | MMTW                    | 47.0616                 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 1  |    |

|  |                 |             |                |  |            |
|--|-----------------|-------------|----------------|--|------------|
|  |                 | <b>MSMW</b> | <b>48.0508</b> | <b>Welding Technology/Welder</b>                                       | <b>47</b>  |
|  |                 | <b>MWW</b>  | <b>48.0508</b> | <b>Welding Technology/Welder</b>                                       | <b>5</b>   |
|  |                 | <b>TFMT</b> | <b>46.0401</b> | <b>Building/Property Maintenance</b>                                   | <b>5</b>   |
|  | <b>Other</b>    | <b>TCLA</b> | <b>49.0205</b> | <b>Truck and Bus Driver/Commercial Vehicle Operator and Instructor</b> | <b>15</b>  |
|  | <b>Subtotal</b> |             |                |  | <b>278</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Virginia Western

|               |   |                                    |            |   | Completions  |  |
|---------------|---|------------------------------------|------------|---|--|--|
|               |   |                                    |            |   | Sum  |  |
| <b>Total</b>  |   |                                    |            |   | 201  |  |
|               | <b>Program Area</b>                       | <b>Degree/Cred Code</b>            | <b>CIP</b> | <b>CIP Description</b>  |  |  |
| <b>Credit</b> | <b>Health Care</b>                        | <b>AAS</b>                         | 51.0602    | Dental Hygiene/Hygienist  | 10   |  |
|               |   |                                    | 51.0907    | Medical Radiologic Technology/Science - Radiation Therapist     | 8  |  |
|               |   |                                    | 51.0909    | Surgical Technology/Technologist                                | 2  |  |
|               |   |                                    | 51.0911    | Radiologic Technology/Science - Radiographer                    | 9  |  |
|               |   |                                    | 51.1599    | Mental and Social Health Services and Allied Professions, Other | 7  |  |
|               |   |                                    | 51.3801    | Registered Nursing/Registered Nurse                             | 13   |  |
|               |   | <b>CERT</b>                        | 51.3901    | Licensed Practical/Vocational Nurse Training                    | 4  |  |
|               |   | <b>CSC</b>                         | 51.0602    | Dental Hygiene/Hygienist  | 1  |  |
|               |   |                                    | 51.0707    | Health Information/Medical Records Technology/Technician        | 3  |  |
|               |   |                                    | 51.0799    | Health and Medical Administrative Services, Other               | 1  |  |
|               |   |                                    | 51.0911    | Radiologic Technology/Science - Radiographer                    | 4  |  |
|               |   |                                    | 51.1004    | Clinical/Medical Laboratory Technician                          | 15   |  |
|               |   |                                    | 51.1599    | Mental and Social Health Services and Allied Professions, Other | 18   |  |
|               |   |                                    |            | 51.3801   | Registered Nursing/Registered Nurse  | 5  |
|               |   | <b>Information Technology</b>      | <b>AAS</b> | 11.0101   | Computer and Information Sciences, General   | 5  |
|               |   |                                    |            | <b>CSC</b>  | 11.0101  | Computer and Information Sciences, General                                   |
|               |   |                                    |            |   | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician |
|               |   | <b>Early Childhood Development</b> | <b>AAS</b> | 19.0709   | Child Care Provider/Assistant  | 4  |
|               | <b>CSC</b>                                |                                    | 19.0709    | Child Care Provider/Assistant                                   | 8  |  |
|               | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                         | 15.0612    | Industrial Technology/Technician                                | 1  |  |
|               |   |                                    | 15.0613    | Manufacturing Engineering Technology/Technician                 | 6  |  |
|               |   |                                    | 52.0499    | Business Operations Support and Secretarial Services, Other     | 3  |  |
|               |   |                                    | <b>CSC</b> | 15.1302   | CAD/CADD Drafting and/or Design Technology/Technician                                      | 2  |
|               |   |                                    |            | 46.0000   | Construction Trades, General   | 1  |
|               |   |                                    |            | 46.0302   | Electrician  | 3  |
|               |   |                                    |            | 47.0201   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  |
|               |   |                                    |            | 48.0508   | Welding Technology/Welder  | 12   |
|               | <b>Public Safety</b>                      | <b>AAS</b>                         | 43.0103    | Criminal Justice/Law Enforcement Administration                 | 5  |  |
|               |   | <b>CSC</b>                         | 43.0103    | Criminal Justice/Law Enforcement Administration                 | 6  |  |
|               | <b>Subtotal</b>                           |                                    |            |   |  | 180  |

| <b>Noncredit</b> | <b>Program Area</b>                       | <b>Degree/Cred Code</b> | <b>CIP</b>     | <b>CIP Description</b>  |           |
|------------------|---|-------------------------|----------------|---|-----------|
|                  | <b>Health Care</b>                        | <b>HMCA</b>             | <b>51.0801</b> | <b>Medical/Clinical Assistant</b>                                 | <b>12</b> |
|                  |   | <b>HPL2</b>             | <b>51.1009</b> | <b>Phlebotomy Technician/Phlebotomist</b>                         | <b>5</b>  |
|                  | <b>Manufacturing &amp; Skilled Trades</b> | <b>CTOP</b>             | <b>47.0303</b> | <b>Industrial Mechanics and Maintenance Technology/Technician</b> | <b>1</b>  |
|                  |   | <b>MGMW</b>             | <b>48.0508</b> | <b>Welding Technology/Welder</b>                                  | <b>1</b>  |
|                  |   | <b>MNJ1</b>             | <b>48.0599</b> | <b>Precision Metal Working, Other</b>                             | <b>1</b>  |
|                  |   | <b>MNM1</b>             | <b>48.0599</b> | <b>Precision Metal Working, Other</b>                             | <b>1</b>  |
|                  | <b>Subtotal</b>                           |                         |                |   | <b>21</b> |

**Appendix 6: AY 2022 G3 individual program completions by college**

COLLEGE=Wytheville

|   |   |                               |  |  | Completions                                |  |
|---|---|-------------------------------|--|--|--|--|
|   |   |                               |  |  | Sum  |  |
| <b>Total</b>                              |   |                               |  |  | 256  |  |
|   | <b>Program Area</b>                       | <b>Degree/Cred Code</b>       | <b>CIP</b>   | <b>CIP Description</b>   |  |  |
| <b>Credit</b>                             | <b>Health Care</b>                        | <b>AAS</b>                    | 51.0602  | Dental Hygiene/Hygienist   | 8  |  |
|   |   |                               | 51.0806  | Physical Therapy Assistant   | 6  |  |
|   |   |                               | 51.3801  | Registered Nursing/Registered Nurse  | 9  |  |
|   |   | <b>CERT</b>                   | 51.3901  | Licensed Practical/Vocational Nurse Training   | 7  |  |
|   |   | <b>CSC</b>                    | 51.0707  | Health Information/Medical Records Technology/Technician                                   | 4  |  |
|   |   |                               | 51.0805  | Pharmacy Technician/Assistant  | 6  |  |
|   |   |                               | 51.1004  | Clinical/Medical Laboratory Technician   | 3  |  |
|   |   | <b>Information Technology</b> | <b>AAS</b>   | 11.0101  | Computer and Information Sciences, General | 3  |
|   |   |                               |  | <b>CSC</b>   | 11.0101                                    | Computer and Information Sciences, General |
|   | 15.0303                                   |                               | Electrical, Electronic, and Communications Engineering Technology/Technician | 3  |  |  |
|   | <b>Manufacturing &amp; Skilled Trades</b> | <b>AAS</b>                    | 15.0612  | Industrial Technology/Technician   | 4  |  |
|   |   |                               | 48.0599  | Precision Metal Working, Other   | 5  |  |
|   |   | <b>CSC</b>                    | 46.0000  | Construction Trades, General   | 5  |  |
|   |   |                               | 46.0302  | Electrician  | 31   |  |
|   |   |                               | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7  |  |
|   |   |                               | 48.0508  | Welding Technology/Welder  | 10   |  |
|   |   | 48.0599                       | Precision Metal Working, Other   | 3  |  |  |
|   |   | <b>DIPL</b>                   | 46.0000  | Construction Trades, General   | 7  |  |
|   |   | <b>Public Safety</b>          | <b>AAS</b>   | 43.0102  | Corrections                                | 1  |
|   | 43.0103                                   |                               |  | Criminal Justice/Law Enforcement Administration  | 3  |  |
|   | <b>CSC</b>                                |                               | 43.0103  | Criminal Justice/Law Enforcement Administration  | 17   |  |
|   | <b>Subtotal</b>                           |                               |  |  |  | 144  |
|   | <b>Noncredit</b>                          | <b>Program Area</b>           | <b>Degree/Cred Code</b>  | <b>CIP</b>   | <b>CIP Description</b>                     |  |
| <b>Manufacturing &amp; Skilled Trades</b> |   | <b>CIM3</b>                   | 47.0302  | Heavy Equipment Maintenance Technology/Technician  | 29   |  |
|   |   | <b>MGMW</b>                   | 48.0508  | Welding Technology/Welder  | 8  |  |
|   |   | <b>MPIF</b>                   | 15.1701  | Energy Systems Technology/Technician   | 33   |  |
|   |   | <b>PLW1</b>                   | 46.0301  | Electrical and Power Transmission Installation/Installer, General                          | 27   |  |
|   |   | <b>PLWD</b>                   | 46.0301  | Electrical and Power Transmission Installation/Installer, General                          | 3  |  |
|   |   | <b>TAAE</b>                   | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                                      | 10   |  |
|   |   | <b>TATB</b>                   | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                                      | 2  |  |
| <b>Subtotal</b>                           |   |                               |  |  | 112  |  |

### Appendix 7: AY 2023 G3 student enrollments by income level by college

|                             | < 100% FPL  |     | 100% - 199% FPL |     | 200% - 299% FPL |     | 300% - 399% FPL |     | Total |       |
|-----------------------------|-------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|-------|-------|
|                             | N           | %   | N               | %   | N               | %   | N               | %   | N     | %     |
|                             | <b>VCCS</b> | 790 | 28%             | 668 | 24%             | 746 | 27%             | 595 | 21%   | 2,799 |
| <b>Blue Ridge</b>           | 15          | 24% | 8               | 13% | 17              | 27% | 23              | 37% | 63    | 100%  |
| <b>Brightpoint</b>          | 22          | 21% | 17              | 17% | 42              | 41% | 22              | 21% | 103   | 100%  |
| <b>Central Virginia</b>     | 19          | 31% | 11              | 18% | 11              | 18% | 21              | 34% | 62    | 100%  |
| <b>Danville</b>             | 62          | 39% | 35              | 22% | 45              | 28% | 17              | 11% | 159   | 100%  |
| <b>Eastern Shore</b>        | 10          | 45% | 5               | 23% | 4               | 18% | 3               | 14% | 22    | 100%  |
| <b>Germanna</b>             | 18          | 15% | 30              | 25% | 45              | 37% | 29              | 24% | 122   | 100%  |
| <b>J. Sargeant Reynolds</b> | 45          | 27% | 56              | 33% | 45              | 27% | 23              | 14% | 169   | 100%  |
| <b>Laurel Ridge</b>         | 9           | 17% | 11              | 21% | 16              | 30% | 17              | 32% | 53    | 100%  |
| <b>Mountain Empire</b>      | 109         | 49% | 46              | 21% | 38              | 17% | 29              | 13% | 222   | 100%  |
| <b>Mountain Gateway</b>     | 4           | 14% | 10              | 36% | 10              | 36% | 4               | 14% | 28    | 100%  |
| <b>New River</b>            | 41          | 20% | 31              | 15% | 63              | 31% | 67              | 33% | 202   | 100%  |
| <b>Northern Virginia</b>    | 120         | 30% | 98              | 25% | 105             | 26% | 75              | 19% | 398   | 100%  |
| <b>Patrick &amp; Henry</b>  | 19          | 22% | 17              | 20% | 29              | 34% | 21              | 24% | 86    | 100%  |
| <b>Paul D. Camp</b>         | 9           | 32% | 7               | 25% | 6               | 21% | 6               | 21% | 28    | 100%  |
| <b>Piedmont Virginia</b>    | 5           | 9%  | 14              | 26% | 17              | 31% | 18              | 33% | 54    | 100%  |
| <b>Rappahannock</b>         | 8           | 29% | 9               | 32% | 7               | 25% | 4               | 14% | 28    | 100%  |
| <b>Southside Virginia</b>   | 17          | 41% | 12              | 29% | 5               | 12% | 7               | 17% | 41    | 100%  |
| <b>Southwest Virginia</b>   | 26          | 22% | 37              | 32% | 20              | 17% | 33              | 28% | 116   | 100%  |
| <b>Tidewater</b>            | 83          | 25% | 101             | 30% | 81              | 24% | 67              | 20% | 332   | 100%  |
| <b>Virginia Highlands</b>   | 51          | 35% | 18              | 12% | 40              | 27% | 38              | 26% | 147   | 100%  |
| <b>Virginia Peninsula</b>   | 9           | 23% | 15              | 38% | 12              | 30% | 4               | 10% | 40    | 100%  |
| <b>Virginia Western</b>     | 53          | 29% | 36              | 20% | 51              | 28% | 40              | 22% | 180   | 100%  |
| <b>Wytheville</b>           | 36          | 25% | 44              | 31% | 37              | 26% | 27              | 19% | 144   | 100%  |



**Appendix 8: AY 2023 G3 retention rates by area of study by college**  
**VCCS**

|                     |               |  |  | Term  |           |        | Annual      |           |        |
|---------------------|---------------|--|--|---|-----------|--------|-------------|-----------|--------|
|                     |               |  |  | Denominator   | Numerator |        | Denominator | Numerator |        |
|                     |               |  |  | Sum   | N         | %      | Sum         | N         | %      |
| <b>Total</b>        |               |  |  | 6,022   | 5,029     | 83.51  | 8,272       | 6,202     | 74.98  |
| <b>Program Area</b> | <b>Degree</b> | <b>CIP</b>   | <b>Description</b>   |   |           |        |             |           |        |
| Health Care         | AAS           | 01.8301  | Veterinary/Animal Health Technology/Technician and Veterinary Assistant  |   |           |        |             |           |        |
|                     |               |  |  | 71  | 66        | 92.96  | 80          | 71        | 88.75  |
|                     |               | 51.0602  | Dental Hygiene/Hygienist   | 64  | 61        | 95.31  | 66          | 59        | 89.39  |
|                     |               | 51.0707  | Health Information/Medical Records Technology/Technician                 | 32  | 28        | 87.50  | 62          | 53        | 85.48  |
|                     |               | 51.0801  | Medical/Clinical Assistant   | 6   | 2         | 33.33  | .           | .         | .      |
|                     |               | 51.0803  | Occupational Therapist Assistant   | 26  | 26        | 100.00 | 24          | 23        | 95.83  |
|                     |               | 51.0806  | Physical Therapy Assistant   | 84  | 78        | 92.86  | 92          | 86        | 93.48  |
|                     |               | 51.0902  | Electrocardiograph Technology/Technician                                 | 1   | 1         | 100.00 | .           | .         | .      |
|                     |               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                  | 134   | 101       | 75.37  | 170         | 99        | 58.24  |
|                     |               | 51.0907  | Medical Radiologic Technology/Science - Radiation Therapist              | 16  | 15        | 93.75  | 14          | 13        | 92.86  |
|                     |               | 51.0908  | Respiratory Care Therapy/Therapist                                       | 60  | 49        | 81.67  | 54          | 50        | 92.59  |
|                     |               | 51.0909  | Surgical Technology/Technologist   | 10  | 9         | 90.00  | 8           | 7         | 87.50  |
|                     |               | 51.0910  | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician      | 28  | 26        | 92.86  | 30          | 29        | 96.67  |
|                     |               | 51.0911  | Radiologic Technology/Science - Radiographer                             | 73  | 70        | 95.89  | 68          | 62        | 91.18  |
|                     |               | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 1   | 1         | 100.00 | 6           | 5         | 83.33  |
|                     |               | 51.1004  | Clinical/Medical Laboratory Technician                                   | 45  | 42        | 93.33  | 55          | 44        | 80.00  |
|                     |               | 51.1009  | Phlebotomy Technician/Phlebotomist                                       | 2   | 2         | 100.00 | .           | .         | .      |
|                     |               | 51.1599  | Mental and Social Health Services and Allied Professions, Other          | 239   | 191       | 79.92  | 405         | 296       | 73.09  |
|                     |               | 51.1801  | Opticianry/Ophthalmic Dispensing Optician                                | 8   | 8         | 100.00 | 16          | 10        | 62.50  |
|                     |               | 51.3801  | Registered Nursing/Registered Nurse                                      | 735   | 644       | 87.62  | 939         | 811       | 86.37  |
|                     | 51.3902       | Nursing Assistant/Aide and Patient Care Assistant/Aide | 1  | 1   | 100.00    | .      | .           | .         |        |
|                     | CERT          | 51.0601  | Dental Assisting/Assistant   | 25  | 21        | 84.00  | 18          | 14        | 77.78  |
|                     |               | 51.0799  | Health and Medical Administrative Services, Other                        | 17  | 13        | 76.47  | 21          | 18        | 85.71  |
|                     |               | 51.0801  | Medical/Clinical Assistant   | 7   | 5         | 71.43  | 8           | 7         | 87.50  |
|                     |               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                  | 3   | 3         | 100.00 | .           | .         | .      |
|                     |               | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other | 258   | 188       | 72.87  | 450         | 254       | 56.44  |
|                     |               | 51.1009  | Phlebotomy Technician/Phlebotomist                                       | 5   | 4         | 80.00  | .           | .         | .      |
|                     |               | 51.1501  | Substance Abuse/Addiction Counseling                                     | 9   | 7         | 77.78  | 18          | 13        | 72.22  |
|                     |               | 51.1599  | Mental and Social Health Services and Allied Professions, Other          | 3   | 2         | 66.67  | 5           | 3         | 60.00  |
|                     |               | 51.3501  | Massage Therapy/Therapeutic Massage                                      | 2   | 2         | 100.00 | 3           | 3         | 100.00 |
|                     |               | 51.3901  | Licensed Practical/Vocational Nurse Training                             | 144   | 124       | 86.11  | 215         | 170       | 79.07  |
|                     |               | 51.3902  | Nursing Assistant/Aide and Patient Care Assistant/Aide                   | 1   | 0         | 0.00   | .           | .         | .      |
|                     |               | CSC  | 01.8301  | Veterinary/Animal Health Technology/Technician and Veterinary Assistant | 14        | 12     | 85.71       | 23        | 13     |
|                     | 51.0601       |  | Dental Assisting/Assistant   | 3   | 1         | 33.33  | 11          | 11        | 100.00 |
|                     | 51.0602       |  | Dental Hygiene/Hygienist   | 24  | 16        | 66.67  | 22          | 17        | 77.27  |
|                     | 51.0707       |  | Health Information/Medical Records Technology/Technician                 | 61  | 45        | 73.77  | 98          | 61        | 62.24  |
|                     | 51.0713       |  | Medical Insurance Coding Specialist/Coder                                | 2   | 2         | 100.00 | .           | .         | .      |
|                     | 51.0799       |  | Health and Medical Administrative Services, Other                        | 20  | 14        | 70.00  | 32          | 25        | 78.13  |
|                     | 51.0801       |  | Medical/Clinical Assistant   | 13  | 12        | 92.31  | 9           | 9         | 100.00 |
|                     | 51.0805       |  | Pharmacy Technician/Assistant  | 11  | 9         | 81.82  | 4           | 3         | 75.00  |
|                     | 51.0806       |  | Physical Therapy Assistant   | 7   | 6         | 85.71  | 10          | 6         | 60.00  |
|                     | 51.0902       |  | Electrocardiograph Technology/Technician                                 | 3   | 1         | 33.33  | .           | .         | .      |
|                     | 51.0904       |  | Emergency Medical Technology/Technician (EMT Paramedic)                  | 15  | 11        | 73.33  | 29          | 14        | 48.28  |
|                     | 51.0907       |  | Medical Radiologic Technology/Science - Radiation Therapist              | 2   | 2         | 100.00 | 4           | 3         | 75.00  |
|                     | 51.0909       |  | Surgical Technology/Technologist   | 6   | 4         | 66.67  | .           | .         | .      |

|   |                                    |  |  |   |              |              |              |              |              |              |
|---|------------------------------------|--|--|---|--------------|--------------|--------------|--------------|--------------|--------------|
|   |                                    | 51.0911  | Radiologic Technology/Science - Radiographer                                 | 13  | 11           | 84.62        | 19           | 10           | 52.63        |              |
|   |                                    | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 243   | 184          | 75.72        | 393          | 261          | 66.41        |              |
|   |                                    | 51.1004  | Clinical/Medical Laboratory Technician                                       | 26  | 21           | 80.77        | 54           | 40           | 74.07        |              |
|   |                                    | 51.1009  | Phlebotomy Technician/Phlebotomist   | 1   | 1            | 100.00       | 3            | 3            | 100.00       |              |
|   |                                    | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | 17  | 15           | 88.24        | 40           | 23           | 57.50        |              |
|   |                                    | 51.1801  | Opticianry/Ophthalmic Dispensing Optician                                    | 1   | 1            | 100.00       | 2            | 2            | 100.00       |              |
|   |                                    | 51.3501  | Massage Therapy/Therapeutic Massage  | 1   | 1            | 100.00       | 3            | 3            | 100.00       |              |
|   |                                    | 51.3801  | Registered Nursing/Registered Nurse  | 106   | 78           | 73.58        | 120          | 71           | 59.17        |              |
|   |                                    | 51.3901  | Licensed Practical/Vocational Nurse Training                                 | 54  | 40           | 74.07        | 95           | 52           | 54.74        |              |
|   |                                    | <b>Subtotal</b>  |  | <b>2,753</b>  | <b>2,277</b> | <b>82.71</b> | <b>3,798</b> | <b>2,827</b> | <b>74.43</b> |              |
| <b>Information Technology</b>             | <b>Degree</b>                      | <b>CIP</b>   | <b>Description</b>   |   |              |              |              |              |              |              |
|   | <b>AAS</b>                         | 11.0101  | Computer and Information Sciences, General                                   | 416   | 342          | 82.21        | 611          | 441          | 72.18        |              |
|   |                                    | 11.0103  | Information Technology   | 139   | 116          | 83.45        | 191          | 161          | 84.29        |              |
|   |                                    | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design                | 23  | 19           | 82.61        | 14           | 11           | 78.57        |              |
|   |                                    | 11.0901  | Computer Systems Networking and Telecommunications                           | 6   | 5            | 83.33        | 10           | 6            | 60.00        |              |
|   |                                    | 11.0902  | Cloud Computing  | 1   | 1            | 100.00       | .            | .            | .            |              |
|   |                                    | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance     | 706   | 629          | 89.09        | 935          | 738          | 78.93        |              |
|   |                                    | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 52  | 43           | 82.69        | 64           | 52           | 81.25        |              |
|   |                                    | <b>AS</b>  | 11.0103  | Information Technology  | 1            | 1            | 100.00       | .            | .            | .            |
|   |                                    |  | 11.0701  | Computer Science  | 4            | 4            | 100.00       | .            | .            | .            |
|   |                                    | <b>CERT</b>  | 11.0101  | Computer and Information Sciences, General                                    | 6            | 2            | 33.33        | 13           | 6            | 46.15        |
|   |                                    |  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician  | 1            | 1            | 100.00       | .            | .            | .            |
|   |                                    | <b>CSC</b>   | 11.0101  | Computer and Information Sciences, General                                    | 28           | 20           | 71.43        | 62           | 32           | 51.61        |
|   |                                    |  | 11.0203  | Computer Programming, Vendor/Product Certification                            | 1            | 1            | 100.00       | .            | .            | .            |
|   |                                    |  | 11.0801  | Web Page, Digital/Multimedia and Information Resources Design                 | 7            | 4            | 57.14        | 14           | 11           | 78.57        |
|   |                                    |  | 11.1001  | Network and System Administration/Administrator                               | 2            | 1            | 50.00        | 2            | 1            | 50.00        |
|   |                                    |  | 11.1003  | Computer and Information Systems Security/Auditing/Information Assurance      | 17           | 14           | 82.35        | 43           | 33           | 76.74        |
|   |                                    |  | 11.1099  | Computer/Information Technology Services Administration and Management, Other | 8            | 6            | 75.00        | 8            | 4            | 50.00        |
|   |                                    |  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician  | 70           | 47           | 67.14        | 96           | 61           | 63.54        |
|   |                                    |  | <b>Subtotal</b>  |   | <b>1,488</b> | <b>1,256</b> | <b>84.41</b> | <b>2,063</b> | <b>1,557</b> | <b>75.47</b> |
|   | <b>Early Childhood Development</b> | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b>  |              |              |              |              |              |              |
|   |                                    | <b>AAS</b>   | 19.0709  | Child Care Provider/Assistant   | 302          | 249          | 82.45        | 418          | 325          | 77.75        |
|   |                                    | <b>AS</b>  | 13.0101  | Education, General  | 1            | 1            | 100.00       | .            | .            | .            |
| <b>CERT</b>                               |                                    | 19.0709  | Child Care Provider/Assistant  | 23  | 18           | 78.26        | 36           | 26           | 72.22        |              |
| <b>CSC</b>                                |                                    | 13.1210  | Early Childhood Education and Teaching                                       | 5   | 5            | 100.00       | 8            | 5            | 62.50        |              |
|   |                                    | 13.1501  | Teacher Assistant/Aide   | .   | .            | .            | 2            | 1            | 50.00        |              |
|   |                                    | 19.0709  | Child Care Provider/Assistant  | 36  | 26           | 72.22        | 43           | 31           | 72.09        |              |
|   |                                    | 19.0799  | Human Development, Family Studies, and Related Services, Other               | .   | .            | .            | 3            | 1            | 33.33        |              |
|   |                                    | <b>Subtotal</b>  |  | <b>367</b>  | <b>299</b>   | <b>81.47</b> | <b>510</b>   | <b>389</b>   | <b>76.27</b> |              |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                      | <b>CIP</b>   | <b>Description</b>   |   |              |              |              |              |              |              |
|   | <b>AAS</b>                         | 15.0000  | Engineering Technologies/Technicians, General                                | 27  | 25           | 92.59        | 34           | 25           | 73.53        |              |
|   |                                    | 15.0001  | Applied Engineering Technologies/Technicians                                 | 16  | 11           | 68.75        | 20           | 16           | 80.00        |              |
|   |                                    | 15.0101  | Architectural Engineering Technologies/Technicians                           | 7   | 7            | 100.00       | 9            | 8            | 88.89        |              |
|   |                                    | 15.0201  | Civil Engineering Technologies/Technicians                                   | 12  | 11           | 91.67        | 12           | 9            | 75.00        |              |
|   |                                    | 15.0599  | Environmental Control Technologies/Technicians, Other                        | 25  | 23           | 92.00        | 37           | 28           | 75.68        |              |
|   |                                    | 15.0612  | Industrial Technology/Technician   | 57  | 48           | 84.21        | 67           | 57           | 85.07        |              |
|   |                                    | 15.0613  | Manufacturing Engineering Technology/Technician                              | 50  | 43           | 86.00        | 61           | 49           | 80.33        |              |
|   |                                    | 15.0699  | Industrial Production Technologies/Technicians, Other                        | 6   | 5            | 83.33        | 15           | 15           | 100.00       |              |
|   | 15.0899                            | Mechanical Engineering Related Technologies/Technicians, Other | 15   | 12  | 80.00        | 34           | 23           | 67.65        |              |              |

|      |         |  |     |    |        |     |     |        |
|------|---------|--|-----|----|--------|-----|-----|--------|
|      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 29  | 25 | 86.21  | 46  | 36  | 78.26  |
|      | 41.0101 | Biology/Biotechnology Technology/Technician  | 1   | 1  | 100.00 | 3   | 3   | 100.00 |
|      | 46.0000 | Construction Trades, General   | 1   | 0  | 0.00   | .   | .   | .      |
|      | 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 1   | 1  | 100.00 | .   | .   | .      |
|      | 46.0302 | Electrician  | 24  | 21 | 87.50  | 31  | 20  | 64.52  |
|      | 47.0000 | Mechanics and Repairers, General   | 2   | 2  | 100.00 | 10  | 6   | 60.00  |
|      | 47.0105 | Industrial Electronics Technology/Technician   | 78  | 75 | 96.15  | 84  | 70  | 83.33  |
|      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 52  | 43 | 82.69  | 69  | 50  | 72.46  |
|      | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 109 | 90 | 82.57  | 111 | 89  | 80.18  |
|      | 47.0605 | Diesel Mechanics Technology/Technician   | 5   | 5  | 100.00 | 4   | 3   | 75.00  |
|      | 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician                          | 4   | 3  | 75.00  | 5   | 3   | 60.00  |
|      | 48.0599 | Precision Metal Working, Other   | 29  | 28 | 96.55  | 26  | 23  | 88.46  |
|      | 52.0299 | Business Administration, Management and Operations, Other                                  | 1   | 1  | 100.00 | .   | .   | .      |
|      | 52.0499 | Business Operations Support and Secretarial Services, Other                                | 69  | 52 | 75.36  | 141 | 109 | 77.30  |
|      | 52.2001 | Construction Management, General   | 28  | 25 | 89.29  | 36  | 29  | 80.56  |
| AS   | 52.0201 | Business Administration and Management, General  | 1   | 1  | 100.00 | .   | .   | .      |
| CERT | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 1   | 1  | 100.00 | .   | .   | .      |
|      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1   | 1  | 100.00 | 5   | 4   | 80.00  |
|      | 46.0000 | Construction Trades, General   | .   | .  | .      | 1   | 1   | 100.00 |
|      | 46.0302 | Electrician  | 6   | 3  | 50.00  | 10  | 5   | 50.00  |
|      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 11  | 9  | 81.82  | 22  | 15  | 68.18  |
|      | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 8   | 7  | 87.50  | 12  | 5   | 41.67  |
|      | 47.0605 | Diesel Mechanics Technology/Technician   | 10  | 6  | 60.00  | 4   | 4   | 100.00 |
|      | 48.0508 | Welding Technology/Welder  | 66  | 58 | 87.88  | 74  | 47  | 63.51  |
|      | 48.0599 | Precision Metal Working, Other   | 2   | 2  | 100.00 | 3   | 2   | 66.67  |
|      | 52.0499 | Business Operations Support and Secretarial Services, Other                                | .   | .  | .      | 6   | 4   | 66.67  |
| CSC  | 15.0000 | Engineering Technologies/Technicians, General  | 3   | 3  | 100.00 | 10  | 7   | 70.00  |
|      | 15.0201 | Civil Engineering Technologies/Technicians   | 3   | 2  | 66.67  | .   | .   | .      |
|      | 15.0599 | Environmental Control Technologies/Technicians, Other                                      | 1   | 1  | 100.00 | 1   | 1   | 100.00 |
|      | 15.0613 | Manufacturing Engineering Technology/Technician  | 2   | 2  | 100.00 | 1   | 1   | 100.00 |
|      | 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 5   | 4  | 80.00  | 10  | 9   | 90.00  |
|      | 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 2   | 1  | 50.00  | 1   | 1   | 100.00 |
|      | 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 3   | 1  | 33.33  | 8   | 4   | 50.00  |
|      | 15.9999 | Engineering/Engineering-Related Technologies/Technicians, Other                            | 2   | 2  | 100.00 | 5   | 5   | 100.00 |
|      | 41.0101 | Biology/Biotechnology Technology/Technician  | .   | .  | .      | 4   | 2   | 50.00  |
|      | 46.0000 | Construction Trades, General   | 5   | 5  | 100.00 | 25  | 21  | 84.00  |
|      | 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 12  | 11 | 91.67  | .   | .   | .      |
|      | 46.0302 | Electrician  | 9   | 8  | 88.89  | 14  | 10  | 71.43  |
|      | 46.0401 | Building/Property Maintenance  | 1   | 1  | 100.00 | .   | .   | .      |
|      | 46.0412 | Building/Construction Site Management/Manager  | 5   | 4  | 80.00  | 4   | 4   | 100.00 |
|      | 47.0105 | Industrial Electronics Technology/Technician   | 1   | 0  | 0.00   | 2   | 2   | 100.00 |
|      | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 29  | 20 | 68.97  | 49  | 39  | 79.59  |
|      | 47.0603 | Autobody/Collision and Repair Technology/Technician  | 3   | 2  | 66.67  | 2   | 2   | 100.00 |
|      | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 9   | 9  | 100.00 | 26  | 18  | 69.23  |
|      | 47.0605 | Diesel Mechanics Technology/Technician   | 12  | 8  | 66.67  | 14  | 8   | 57.14  |

|               |          |         |  |       |     |        |       |       |        |
|---------------|----------|---------|--|-------|-----|--------|-------|-------|--------|
|               |          | 48.0508 | Welding Technology/Welder  | 51    | 42  | 82.35  | 75    | 51    | 68.00  |
|               |          | 48.0599 | Precision Metal Working, Other   | 5     | 4   | 80.00  | 7     | 4     | 57.14  |
|               |          | 52.0499 | Business Operations Support and Secretarial Services, Other                                | .     | .   | .      | 5     | 5     | 100.00 |
|               | DIPL     | 46.0000 | Construction Trades, General   | 18    | 16  | 88.89  | 16    | 15    | 93.75  |
|               |          | 47.0105 | Industrial Electronics Technology/Technician   | 23    | 20  | 86.96  | 31    | 26    | 83.87  |
|               |          | 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 14    | 12  | 85.71  | 10    | 8     | 80.00  |
|               |          | 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 39    | 31  | 79.49  | 27    | 20    | 74.07  |
|               |          | 48.0508 | Welding Technology/Welder  | 14    | 13  | 92.86  | 21    | 15    | 71.43  |
|               |          | 48.0599 | Precision Metal Working, Other   | 43    | 40  | 93.02  | 56    | 47    | 83.93  |
|               | Subtotal |         |  | 1,068 | 907 | 84.93  | 1,416 | 1,083 | 76.48  |
| Public Safety | Degree   | CIP     | Description  |       |     |        |       |       |        |
|               | AAS      | 43.0102 | Corrections  | 4     | 4   | 100.00 | 7     | 4     | 57.14  |
|               |          | 43.0103 | Criminal Justice/Law Enforcement Administration  | 310   | 257 | 82.90  | 445   | 319   | 71.69  |
|               |          | 43.0203 | Fire Science/Fire-fighting   | 5     | 5   | 100.00 | 7     | 4     | 57.14  |
|               |          | 43.0406 | Forensic Science and Technology  | 3     | 2   | 66.67  | 9     | 7     | 77.78  |
|               | CERT     | 43.0103 | Criminal Justice/Law Enforcement Administration  | 4     | 2   | 50.00  | 4     | 2     | 50.00  |
|               |          | 43.0116 | Cyber/Computer Forensics and Counterterrorism  | 1     | 1   | 100.00 | .     | .     | .      |
|               |          | 43.0199 | Corrections and Criminal Justice, Other  | .     | .   | .      | 3     | 3     | 100.00 |
|               | CSC      | 43.0102 | Corrections  | .     | .   | .      | 1     | 0     | 0.00   |
|               |          | 43.0103 | Criminal Justice/Law Enforcement Administration  | 2     | 2   | 100.00 | 4     | 3     | 75.00  |
|               |          | 43.0199 | Corrections and Criminal Justice, Other  | 5     | 5   | 100.00 | 1     | 1     | 100.00 |
|               |          | 43.0203 | Fire Science/Fire-fighting   | 1     | 1   | 100.00 | 1     | 0     | 0.00   |
|               |          | 43.0406 | Forensic Science and Technology  | 1     | 1   | 100.00 | 3     | 3     | 100.00 |
|               | Subtotal |         |  | 336   | 280 | 83.33  | 485   | 346   | 71.34  |
| Other         | Degree   | CIP     | Description  |       |     |        |       |       |        |
|               | AA&S     | 24.0101 | Liberal Arts and Sciences/Liberal Studies  | 4     | 4   | 100.00 | .     | .     | .      |
|               | AS       | 14.0101 | Engineering, General   | 1     | 1   | 100.00 | .     | .     | .      |
|               |          | 24.0102 | General Studies  | 3     | 3   | 100.00 | .     | .     | .      |
|               |          | 30.0101 | Biological and Physical Sciences   | 2     | 2   | 100.00 | .     | .     | .      |
|               | Subtotal |         |  | 10    | 10  | 100.00 | .     | .     | .      |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Blue Ridge

|   |                               |  |  | Term               |           |        | Annual      |           |       |       |
|---|-------------------------------|--|--|--------------------|-----------|--------|-------------|-----------|-------|-------|
|   |                               |  |  | Denominator        | Numerator |        | Denominator | Numerator |       |       |
|   |                               |  |  | Sum                | N         | %      | Sum         | N         | %     |       |
| <b>Total</b>                              |                               |  |  | 198                | 171       | 86.36  | 251         | 179       | 71.31 |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |       |       |
| <b>Health Care</b>                        | AAS                           | 01.8301  | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      |                    |           |        |             |           |       |       |
|   |                               | 51.0801  | Medical/Clinical Assistant   | 45                 | 40        | 88.89  | 44          | 41        | 93.18 |       |
|   |                               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2                  | 0         | 0.00   | .           | .         | .     |       |
|   |                               | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | 8                  | 7         | 87.50  | 16          | 7         | 43.75 |       |
|   |                               | 51.3801  | Registered Nursing/Registered Nurse  | 17                 | 13        | 76.47  | 23          | 16        | 69.57 |       |
|   | CERT                          | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 29                 | 27        | 93.10  | 31          | 26        | 83.87 |       |
|   |                               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2                  | 2         | 100.00 | .           | .         | .     |       |
|   | CSC                           | 01.8301  | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      |                    |           |        |             |           |       |       |
|   |                               | 51.0707  | Health Information/Medical Records Technology/Technician                     | 13                 | 11        | 84.62  | 22          | 12        | 54.55 |       |
|   |                               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2                  | 2         | 100.00 | 2           | 0         | 0.00  |       |
|   |                               | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | .                  | .         | .      | 1           | 0         | 0.00  |       |
|   |                               | 51.3901  | Licensed Practical/Vocational Nurse Training                                 | 1                  | 0         | 0.00   | .           | .         | .     |       |
|   | <b>Subtotal</b>               |  |  |                    | 2         | 1      | 50.00       | 9         | 3     | 33.33 |
|   | <b>Subtotal</b>               |  |  |                    | 121       | 103    | 85.12       | 148       | 105   | 70.95 |
|   | <b>Information Technology</b> | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b> |           |        |             |           |       |       |
| AAS                                       | 11.0101                       | Computer and Information Sciences, General                                   |  |                    |           |        |             |           |       |       |
|   |                               | Information Technology   | 20   | 17                 | 85.00     | 43     | 34          | 79.07     |       |       |
|   | 15.0303                       | Electrical, Electronic, and Communications Engineering Technology/Technician | 1  | 1                  | 100.00    | .      | .           | .         |       |       |
|   | CSC                           | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 7                  | 6         | 85.71  | 4           | 2         | 50.00 |       |
|   |                               | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | .                  | .         | .      | 1           | 0         | 0.00  |       |
| <b>Subtotal</b>                           |                               |  |  | 28                 | 24        | 85.71  | 48          | 36        | 75.00 |       |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |       |       |
| CSC                                       | 19.0709                       | Child Care Provider/Assistant  |  |                    |           |        |             |           |       |       |
|   |                               | Child Care Provider/Assistant  | 2  | 2                  | 100.00    | 7      | 4           | 57.14     |       |       |
| <b>Subtotal</b>                           |                               |  |  | 2                  | 2         | 100.00 | 7           | 4         | 57.14 |       |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |       |       |
| AAS                                       | 15.0612                       | Industrial Technology/Technician   |  |                    |           |        |             |           |       |       |
|   |                               | Manufacturing Engineering Technology/Technician                              | 1  | 1                  | 100.00    | .      | .           | .         |       |       |
|   | 15.0613                       | Manufacturing Engineering Technology/Technician                              | 14   | 14                 | 100.00    | 19     | 15          | 78.95     |       |       |
|   | 15.0899                       | Mechanical Engineering Related Technologies/Technicians, Other               | 6  | 6                  | 100.00    | 5      | 3           | 60.00     |       |       |
|   | 47.0604                       | Automobile/Automotive Mechanics Technology/Technician                        | 11   | 8                  | 72.73     | 7      | 6           | 85.71     |       |       |
|   | 47.0607                       | Airframe Mechanics and Aircraft Maintenance Technology/Technician            | 4  | 3                  | 75.00     | 5      | 3           | 60.00     |       |       |
|   | CSC                           | 15.0000  | Engineering Technologies/Technicians, General                                |                    |           |        |             |           |       |       |
| 48.0508                                   |                               | Welding Technology/Welder  | .  | .                  | .         | 1      | 1           | 100.00    |       |       |
| <b>Subtotal</b>                           |                               |  |  | 1                  | 1         | 100.00 | .           | .         | .     |       |
| <b>Subtotal</b>                           |                               |  |  | 37                 | 33        | 89.19  | 37          | 28        | 75.68 |       |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |       |       |
| AAS                                       | 43.0103                       | Criminal Justice/Law Enforcement Administration                              |  |                    |           |        |             |           |       |       |
|   |                               | Criminal Justice/Law Enforcement Administration                              | 10   | 9                  | 90.00     | 11     | 6           | 54.55     |       |       |
| <b>Subtotal</b>                           |                               |  |  | 10                 | 9         | 90.00  | 11          | 6         | 54.55 |       |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Brightpoint

|   |  |  |  | Term               |           |        | Annual      |           |        |       |
|---|--|--|--|--------------------|-----------|--------|-------------|-----------|--------|-------|
|   |  |  |  | Denominator        | Numerator |        | Denominator | Numerator |        |       |
|   |  |  |  | Sum                | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>  |  |  |  | 372                | 306       | 82.26  | 440         | 324       | 73.64  |       |
| <b>Program Area</b>   | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| <b>Health Care</b>  | AAS  | 51.0801  | Medical/Clinical Assistant   | 1                  | 0         | 0.00   | .           | .         | .      |       |
|   |  | 51.0902  | Electrocardiograph Technology/Technician                                     | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |  | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2                  | 1         | 50.00  | 6           | 0         | 0.00   |       |
|   |  | 51.1009  | Phlebotomy Technician/Phlebotomist   | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |  | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | 34                 | 25        | 73.53  | 72          | 48        | 66.67  |       |
|   |  | 51.3801  | Registered Nursing/Registered Nurse  | 159                | 132       | 83.02  | 162         | 116       | 71.60  |       |
|   | CERT   | 51.3901  | Licensed Practical/Vocational Nurse Training                                 | 4                  | 4         | 100.00 | .           | .         | .      |       |
|   | CSC  | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   |  | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | 10                 | 9         | 90.00  | 5           | 4         | 80.00  |       |
|   |  | 51.3501  | Massage Therapy/Therapeutic Massage  | 1                  | 1         | 100.00 | 3           | 3         | 100.00 |       |
|   |  | 51.3901  | Licensed Practical/Vocational Nurse Training                                 | 3                  | 3         | 100.00 | .           | .         | .      |       |
|   | <b>Subtotal</b>  |  |  |                    | 216       | 177    | 81.94       | 249       | 172    | 69.08 |
|   | <b>Information Technology</b>  | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b> |           |        |             |           |        |       |
|   | AAS  | 11.0101  | Computer and Information Sciences, General                                   |                    | 34        | 32     | 94.12       | 51        | 37     | 72.55 |
| Web Page, Digital/Multimedia and Information Resources Design |  |  | 16   | 12                 | 75.00     | 6      | 6           | 100.00    |        |       |
| CSC   |  | 11.0101  | Computer and Information Sciences, General                                   |                    | 6         | 6      | 100.00      | 13        | 9      | 69.23 |
|   |  | 11.0203  | Computer Programming, Vendor/Product Certification                           |                    | 1         | 1      | 100.00      | .         | .      | .     |
|   |  | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician |                    | 20        | 14     | 70.00       | 20        | 17     | 85.00 |
| <b>Subtotal</b>   |  |  |  | 77                 | 65        | 84.42  | 90          | 69        | 76.67  |       |
| <b>Early Childhood Development</b>                            | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| AAS   | 19.0709  | Child Care Provider/Assistant                                  |  | 17                 | 12        | 70.59  | 25          | 21        | 84.00  |       |
| CERT  | 19.0709  | Child Care Provider/Assistant                                  |  | 1                  | 1         | 100.00 | 2           | 0         | 0.00   |       |
| <b>Subtotal</b>   |  |  |  | 18                 | 13        | 72.22  | 27          | 21        | 77.78  |       |
| <b>Manufacturing &amp; Skilled Trades</b>                     | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| AAS   | 15.0101  | Architectural Engineering Technologies/Technicians             |  | 7                  | 7         | 100.00 | 9           | 8         | 88.89  |       |
|   |  | Industrial Technology/Technician                               |  | 1                  | 0         | 0.00   | 1           | 1         | 100.00 |       |
|   |  | Mechanical Engineering Related Technologies/Technicians, Other |  | 3                  | 3         | 100.00 | 6           | 4         | 66.67  |       |
|   |  | Electrician  |  | 9                  | 7         | 77.78  | 10          | 7         | 70.00  |       |
| CERT  | 46.0000 Construction Trades, General   |  | .  | .                  | .         | 1      | 1           | 100.00    |        |       |
|   | 48.0508 Welding Technology/Welder  |  | 3  | 3                  | 100.00    | 4      | 4           | 100.00    |        |       |
|   | 48.0599 Precision Metal Working, Other   |  | 1  | 1                  | 100.00    | 2      | 1           | 50.00     |        |       |
| CSC   | 15.0201 Civil Engineering Technologies/Technicians   |  | 2  | 2                  | 100.00    | .      | .           | .         |        |       |
|   | 15.0599 Environmental Control Technologies/Technicians, Other                                      |  | .  | .                  | .         | 1      | 1           | 100.00    |        |       |
|   | 15.0699 Industrial Production Technologies/Technicians, Other                                      |  | 1  | 1                  | 100.00    | 1      | 1           | 100.00    |        |       |
|   | 47.0201 Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |  | 4  | 3                  | 75.00     | 2      | 2           | 100.00    |        |       |
| 48.0508 Welding Technology/Welder                             |  |  |  | 1                  | 1         | 100.00 | 5           | 4         | 80.00  |       |
| <b>Subtotal</b>   |  |  |  | 32                 | 28        | 87.50  | 42          | 34        | 80.95  |       |
| <b>Public Safety</b>  | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| AAS   | 43.0103  | Criminal Justice/Law Enforcement Administration                |  | 29                 | 23        | 79.31  | 32          | 28        | 87.50  |       |
| <b>Subtotal</b>   |  |  |  | 29                 | 23        | 79.31  | 32          | 28        | 87.50  |       |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Central Virginia

|   |                 |            |  | Term        |           |        | Annual      |           |        |       |
|---|-----------------|------------|--|-------------|-----------|--------|-------------|-----------|--------|-------|
|   |                 |            |  | Denominator | Numerator |        | Denominator | Numerator |        |       |
|   |                 |            |  | Sum         | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                 |            |  | 163         | 136       | 83.44  | 181         | 134       | 74.03  |       |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |       |
| <b>Health Care</b>                        | AAS             | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 18          | 16        | 88.89  | 15          | 10        | 66.67  |       |
|   |                 | 51.0908    | Respiratory Care Therapy/Therapist   | 7           | 7         | 100.00 | 12          | 12        | 100.00 |       |
|   |                 | 51.0911    | Radiologic Technology/Science - Radiographer   |             |           |        |             |           |        |       |
|   |                 | 51.1004    | Clinical/Medical Laboratory Technician   | 11          | 11        | 100.00 | 10          | 10        | 100.00 |       |
|   | CSC             | 51.0707    | Health Information/Medical Records Technology/Technician                                   | 4           | 3         | 75.00  | 5           | 3         | 60.00  |       |
|   |                 | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 8           | 4         | 50.00  | 14          | 11        | 78.57  |       |
|   | <b>Subtotal</b> |            |  |             | 13        | 9      | 69.23       | 9         | 6      | 66.67 |
|   |                 |            |  | 61          | 50        | 81.97  | 65          | 52        | 80.00  |       |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |       |
|   | AAS             | 11.0101    | Computer and Information Sciences, General   | 17          | 15        | 88.24  | 24          | 15        | 62.50  |       |
|   |                 | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | 7           | 5         | 71.43  | 10          | 9         | 90.00  |       |
|   | CSC             | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | 3           | 1         | 33.33  | 4           | 3         | 75.00  |       |
|   | <b>Subtotal</b> |            |  |             | 27        | 21     | 77.78       | 38        | 27     | 71.05 |
| <b>Early Childhood Development</b>        | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |       |
|   | CERT            | 19.0709    | Child Care Provider/Assistant  | 3           | 3         | 100.00 | .           | .         | .      |       |
| <b>Subtotal</b>                           |                 |            |  | 3           | 3         | 100.00 | .           | .         | .      |       |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |       |
|   | AAS             | 15.0000    | Engineering Technologies/Technicians, General  | .           | .         | .      | 1           | 1         | 100.00 |       |
|   |                 | 15.0613    | Manufacturing Engineering Technology/Technician  | 10          | 7         | 70.00  | 10          | 9         | 90.00  |       |
|   | CERT            | 48.0508    | Welding Technology/Welder  | 28          | 26        | 92.86  | 16          | 10        | 62.50  |       |
|   |                 | 48.0599    | Precision Metal Working, Other   | 1           | 1         | 100.00 | .           | .         | .      |       |
|   | CSC             | 15.0699    | Industrial Production Technologies/Technicians, Other                                      | 1           | 0         | 0.00   | .           | .         | .      |       |
|   |                 | 46.0302    | Electrician  | 1           | 1         | 100.00 | 1           | 0         | 0.00   |       |
|   |                 | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |             |           |        |             |           |        |       |
|   |                 | 48.0508    | Welding Technology/Welder  | 5           | 2         | 40.00  | 9           | 6         | 66.67  |       |
|   | DIPL            | 46.0000    | Construction Trades, General   | 1           | 1         | 100.00 | .           | .         | .      |       |
|   |                 | 48.0599    | Precision Metal Working, Other   | 1           | 1         | 100.00 | .           | .         | .      |       |
| <b>Subtotal</b>                           |                 |            |  | 17          | 17        | 100.00 | 19          | 15        | 78.95  |       |
|   |                 |            |  | 65          | 56        | 86.15  | 62          | 44        | 70.97  |       |
| <b>Public Safety</b>                      | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |       |
|   | AAS             | 43.0103    | Criminal Justice/Law Enforcement Administration  | 7           | 6         | 85.71  | 16          | 11        | 68.75  |       |
| <b>Subtotal</b>                           |                 |            |  | 7           | 6         | 85.71  | 16          | 11        | 68.75  |       |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Danville

|   |                 |                                |  | Term  |           |        | Annual      |           |        |
|---|-----------------|--------------------------------|--|---|-----------|--------|-------------|-----------|--------|
|   |                 |                                |  | Denominator                                     | Numerator |        | Denominator | Numerator |        |
|   |                 |                                |  | Sum   | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |                                |  | 215   | 172       | 80.00  | 277         | 227       | 81.95  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b>                     | <b>Description</b>   |   |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.0999                        | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 1   | 1         | 100.00 | 6           | 5         | 83.33  |
|   |                 | 51.3801                        | Registered Nursing/Registered Nurse  | 11  | 7         | 63.64  | 29          | 28        | 96.55  |
|   | CSC             | 51.0601                        | Dental Assisting/Assistant   | .   | .         | .      | 1           | 1         | 100.00 |
|   |                 | 51.0707                        | Health Information/Medical Records Technology/Technician                                   | 1   | 0         | 0.00   | 1           | 0         | 0.00   |
|   |                 | 51.0999                        | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 10  | 6         | 60.00  | 9           | 8         | 88.89  |
|   |                 | 51.1004                        | Clinical/Medical Laboratory Technician   | 4   | 3         | 75.00  | 5           | 4         | 80.00  |
|   |                 | 51.3901                        | Licensed Practical/Vocational Nurse Training   | 3   | 2         | 66.67  | 3           | 1         | 33.33  |
|   | <b>Subtotal</b> |                                |  |   | 30        | 19     | 63.33       | 54        | 47     |
| <b>Information Technology</b>             | AAS             | 11.0101                        | Computer and Information Sciences, General   | 13  | 11        | 84.62  | 20          | 16        | 80.00  |
|   |                 | 11.0103                        | Information Technology   | 1   | 1         | 100.00 | .           | .         | .      |
|   | CSC             | 11.0101                        | Computer and Information Sciences, General   | .   | .         | .      | 2           | 2         | 100.00 |
|   |                 | 11.0801                        | Web Page, Digital/Multimedia and Information Resources Design                              | 1   | 0         | 0.00   | .           | .         | .      |
|   | <b>Subtotal</b> |                                |  |   | 15        | 12     | 80.00       | 22        | 18     |
| <b>Early Childhood Development</b>        | AAS             | 19.0709                        | Child Care Provider/Assistant  | 32  | 25        | 78.13  | 29          | 17        | 58.62  |
|   |                 | CSC                            | 19.0709  | Child Care Provider/Assistant                   | 6         | 5      | 83.33       | 3         | 2      |
|   | <b>Subtotal</b> |                                |  |   | 38        | 30     | 78.95       | 32        | 19     |
| <b>Manufacturing &amp; Skilled Trades</b> | AAS             | 15.0612                        | Industrial Technology/Technician   | 6   | 6         | 100.00 | 11          | 11        | 100.00 |
|   |                 | 52.0499                        | Business Operations Support and Secretarial Services, Other                                | 16  | 13        | 81.25  | 25          | 22        | 88.00  |
|   | CERT            | 47.0201                        | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | .   | .         | .      | 2           | 2         | 100.00 |
|   |                 | 48.0508                        | Welding Technology/Welder  | 1   | 1         | 100.00 | 2           | 2         | 100.00 |
|   |                 | 52.0499                        | Business Operations Support and Secretarial Services, Other                                | .   | .         | .      | 2           | 1         | 50.00  |
|   | CSC             | 48.0599                        | Precision Metal Working, Other   | 2   | 2         | 100.00 | .           | .         | .      |
|   |                 | 52.0499                        | Business Operations Support and Secretarial Services, Other                                | .   | .         | .      | 1           | 1         | 100.00 |
|   | DIPL            | 47.0105                        | Industrial Electronics Technology/Technician   | 23  | 20        | 86.96  | 31          | 26        | 83.87  |
|   |                 | 47.0201                        | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 14  | 12        | 85.71  | 10          | 8         | 80.00  |
|   |                 | 47.0604                        | Automobile/Automotive Mechanics Technology/Technician                                      | 18  | 14        | 77.78  | 18          | 14        | 77.78  |
|   |                 | 48.0508                        | Welding Technology/Welder  | 10  | 9         | 90.00  | 14          | 12        | 85.71  |
| 48.0599                                   |                 | Precision Metal Working, Other | 26   | 23  | 88.46     | 37     | 32          | 86.49     |        |
| <b>Subtotal</b>                           |                 |                                |  | 116   | 100       | 86.21  | 153         | 131       | 85.62  |
| <b>Public Safety</b>                      | AAS             | 43.0103                        | Criminal Justice/Law Enforcement Administration  | 13  | 10        | 76.92  | 16          | 12        | 75.00  |
|   |                 | CERT                           | 43.0103  | Criminal Justice/Law Enforcement Administration | 2         | 0      | 0.00        | .         | .      |
|   |                 | 43.0116                        | Cyber/Computer Forensics and Counterterrorism  | 1   | 1         | 100.00 | .           | .         | .      |
|   | <b>Subtotal</b> |                                |  |   | 16        | 11     | 68.75       | 16        | 12     |



**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Eastern Shore

|   |                               |                           |  | Term               |           |        | Annual      |           |        |       |
|---|-------------------------------|---------------------------|--|--------------------|-----------|--------|-------------|-----------|--------|-------|
|   |                               |                           |  | Denominator        | Numerator |        | Denominator | Numerator |        |       |
|   |                               |                           |  | Sum                | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                               |                           |  | 31                 | 26        | 83.87  | 51          | 42        | 82.35  |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>                | <b>Description</b>   |                    |           |        |             |           |        |       |
| <b>Health Care</b>                        | CERT                          | 51.0801                   | Medical/Clinical Assistant   | 5                  | 3         | 60.00  | 8           | 7         | 87.50  |       |
|   |                               | 51.3901                   | Licensed Practical/Vocational Nurse Training   | 6                  | 5         | 83.33  | 10          | 7         | 70.00  |       |
|   | CSC                           | 51.0707                   | Health Information/Medical Records Technology/Technician                                   | 2                  | 2         | 100.00 | 1           | 0         | 0.00   |       |
|   |                               | 51.0799                   | Health and Medical Administrative Services, Other  | .                  | .         | .      | 2           | 1         | 50.00  |       |
|   |                               | 51.0999                   | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 6                  | 5         | 83.33  | .           | .         | .      |       |
|   | <b>Subtotal</b>               |                           |  |                    | 19        | 15     | 78.95       | 21        | 15     | 71.43 |
|   | <b>Information Technology</b> | <b>Degree</b>             | <b>CIP</b>   | <b>Description</b> |           |        |             |           |        |       |
|   | AAS                           | 15.0303                   | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2                  | 2         | 100.00 | 6           | 5         | 83.33  |       |
|   | CSC                           | 11.0101                   | Computer and Information Sciences, General   | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 15.0303                   | Electrical, Electronic, and Communications Engineering Technology/Technician               | .                  | .         | .      | 2           | 2         | 100.00 |       |
|   | <b>Subtotal</b>               |                           |  |                    | 2         | 2      | 100.00      | 9         | 8      | 88.89 |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>                | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 19.0709                   | Child Care Provider/Assistant  | 4                  | 4         | 100.00 | 8           | 7         | 87.50  |       |
|   | <b>Subtotal</b>               |                           |  |                    | 4         | 4      | 100.00      | 8         | 7      | 87.50 |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>                | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 15.0612                   | Industrial Technology/Technician   | 2                  | 1         | 50.00  | 8           | 8         | 100.00 |       |
|   | CERT                          | 15.0699                   | Industrial Production Technologies/Technicians, Other                                      | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |                               | 48.0508                   | Welding Technology/Welder  | .                  | .         | .      | 1           | 0         | 0.00   |       |
|   | CSC                           | 46.0000                   | Construction Trades, General   | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |                               | 47.0105                   | Industrial Electronics Technology/Technician   | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 47.0201                   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | .                  | .         | .      | 2           | 2         | 100.00 |       |
|   | 48.0508                       | Welding Technology/Welder | 1  | 1                  | 100.00    | 1      | 1           | 100.00    |        |       |
| <b>Subtotal</b>                           |                               |                           |  | 5                  | 4         | 80.00  | 13          | 12        | 92.31  |       |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>                | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | CSC                           | 43.0103                   | Criminal Justice/Law Enforcement Administration  | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   | <b>Subtotal</b>               |                           |  |                    | 1         | 1      | 100.00      | .         | .      | .     |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Germannanna

|   |                               |            |  | Term  |           |        | Annual      |           |        |        |
|---|-------------------------------|------------|--|---|-----------|--------|-------------|-----------|--------|--------|
|   |                               |            |  | Denominator                                     | Numerator |        | Denominator | Numerator |        |        |
|   |                               |            |  | Sum   | N         | %      | Sum         | N         | %      |        |
| <b>Total</b>                              |                               |            |  | 328   | 276       | 84.15  | 453         | 326       | 71.96  |        |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b> | <b>Description</b>   |   |           |        |             |           |        |        |
| <b>Health Care</b>                        | AAS                           | 51.0806    | Physical Therapy Assistant   | 12  | 12        | 100.00 | 13          | 12        | 92.31  |        |
|   |                               | 51.3801    | Registered Nursing/Registered Nurse  | 59  | 56        | 94.92  | 63          | 59        | 93.65  |        |
|   | CERT                          | 51.0601    | Dental Assisting/Assistant   | 5   | 5         | 100.00 | 4           | 3         | 75.00  |        |
|   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 10  | 8         | 80.00  | 15          | 10        | 66.67  |        |
|   | CSC                           | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 1   | 1         | 100.00 | .           | .         | .      |        |
|   |                               | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 72  | 54        | 75.00  | 114         | 78        | 68.42  |        |
|   |                               | 51.1599    | Mental and Social Health Services and Allied Professions, Other              | .   | .         | .      | 1           | 0         | 0.00   |        |
|   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 4   | 2         | 50.00  | 6           | 4         | 66.67  |        |
|   | <b>Subtotal</b>               |            |  |   | 163       | 138    | 84.66       | 216       | 166    | 76.85  |
|   | <b>Information Technology</b> | AAS        | 11.0101  | Computer and Information Sciences, General      | 33        | 29     | 87.88       | 52        | 34     | 65.38  |
| 11.1003                                   |                               |            | Computer and Information Systems Security/Auditing/Information Assurance     | 84  | 67        | 79.76  | 113         | 78        | 69.03  |        |
| CSC                                       |                               | 11.0101    | Computer and Information Sciences, General                                   | 1   | 1         | 100.00 | 5           | 1         | 20.00  |        |
|   |                               | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician | 3   | 2         | 66.67  | 3           | 3         | 100.00 |        |
| <b>Subtotal</b>                           |                               |            |  | 121   | 99        | 81.82  | 173         | 116       | 67.05  |        |
| <b>Early Childhood Development</b>        | AAS                           | 19.0709    | Child Care Provider/Assistant  | 14  | 12        | 85.71  | 19          | 14        | 73.68  |        |
|   |                               | CERT       | 19.0709  | Child Care Provider/Assistant                   | .         | .      | .           | 1         | 1      | 100.00 |
|   | CSC                           | 19.0709    | Child Care Provider/Assistant  | 2   | 2         | 100.00 | 1           | 1         | 100.00 |        |
|   | <b>Subtotal</b>               |            |  |   | 16        | 14     | 87.50       | 21        | 16     | 76.19  |
| <b>Manufacturing &amp; Skilled Trades</b> | AAS                           | 15.0612    | Industrial Technology/Technician   | .   | .         | .      | 1           | 1         | 100.00 |        |
|   |                               | 46.0000    | Construction Trades, General   | 1   | 0         | 0.00   | .           | .         | .      |        |
|   | CSC                           | 15.0000    | Engineering Technologies/Technicians, General                                | 2   | 2         | 100.00 | 4           | 2         | 50.00  |        |
|   |                               | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                        | 1   | 1         | 100.00 | 3           | 0         | 0.00   |        |
|   | CSC                           | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                        | 4   | 4         | 100.00 | 8           | 7         | 87.50  |        |
| <b>Subtotal</b>                           |                               |            |  | 8   | 7         | 87.50  | 16          | 10        | 62.50  |        |
| <b>Public Safety</b>                      | AAS                           | 43.0103    | Criminal Justice/Law Enforcement Administration                              | 19  | 17        | 89.47  | 25          | 17        | 68.00  |        |
|   |                               | CERT       | 43.0103  | Criminal Justice/Law Enforcement Administration | .         | .      | .           | 2         | 1      | 50.00  |
|   | <b>Subtotal</b>               |            |  |   | 19        | 17     | 89.47       | 27        | 18     | 66.67  |
| <b>Other</b>                              | AA&S                          | 24.0101    | Liberal Arts and Sciences/Liberal Studies                                    | 1   | 1         | 100.00 | .           | .         | .      |        |
|   | <b>Subtotal</b>               |            |  |   | 1         | 1      | 100.00      | .         | .      | .      |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=J. Sargeant Reynolds

|   |                               |                 |  | Term  |           |        | Annual      |           |        |        |
|---|-------------------------------|-----------------|--|---|-----------|--------|-------------|-----------|--------|--------|
|   |                               |                 |  | Denominator   | Numerator |        | Denominator | Numerator |        |        |
|   |                               |                 |  | Sum   | N         | %      | Sum         | N         | %      |        |
| <b>Total</b>                              |                               |                 |  | 326   | 271       | 83.13  | 540         | 382       | 70.74  |        |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |   |           |        |             |           |        |        |
| <b>Health Care</b>                        | AAS                           | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                      | 8   | 6         | 75.00  | 8           | 4         | 50.00  |        |
|   |                               | 51.0908         | Respiratory Care Therapy/Therapist   | 17  | 15        | 88.24  | 12          | 9         | 75.00  |        |
|   |                               | 51.1004         | Clinical/Medical Laboratory Technician                                       | 14  | 13        | 92.86  | 26          | 18        | 69.23  |        |
|   |                               | 51.1599         | Mental and Social Health Services and Allied Professions, Other              | 32  | 30        | 93.75  | 37          | 29        | 78.38  |        |
|   |                               | 51.1801         | Opticianry/Ophthalmic Dispensing Optician                                    | 8   | 8         | 100.00 | 16          | 10        | 62.50  |        |
|   |                               | 51.3801         | Registered Nursing/Registered Nurse  | 47  | 44        | 93.62  | 66          | 62        | 93.94  |        |
|   | CERT                          | 51.0601         | Dental Assisting/Assistant   | 10  | 9         | 90.00  | 12          | 9         | 75.00  |        |
|   |                               | 51.3901         | Licensed Practical/Vocational Nurse Training                                 | 5   | 4         | 80.00  | 2           | 2         | 100.00 |        |
|   | CSC                           | 51.0707         | Health Information/Medical Records Technology/Technician                     | 12  | 7         | 58.33  | 19          | 14        | 73.68  |        |
|   |                               | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                      | 3   | 2         | 66.67  | 5           | 1         | 20.00  |        |
|   |                               | 51.0999         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 47  | 36        | 76.60  | 124         | 69        | 55.65  |        |
|   |                               | 51.1599         | Mental and Social Health Services and Allied Professions, Other              | 4   | 4         | 100.00 | 12          | 6         | 50.00  |        |
|   |                               | 51.1801         | Opticianry/Ophthalmic Dispensing Optician                                    | 1   | 1         | 100.00 | 2           | 2         | 100.00 |        |
|   | <b>Subtotal</b>               |                 |  |   | 208       | 179    | 86.06       | 341       | 235    | 68.91  |
|   | <b>Information Technology</b> | <b>Degree</b>   | <b>CIP</b>   | <b>Description</b>                                    |           |        |             |           |        |        |
|   | AAS                           | 11.0101         | Computer and Information Sciences, General                                   | 40  | 33        | 82.50  | 87          | 69        | 79.31  |        |
|   |                               | CSC             | 11.0101  | Computer and Information Sciences, General            | 5         | 3      | 60.00       | 11        | 5      | 45.45  |
|   |                               | 15.0303         | Electrical, Electronic, and Communications Engineering Technology/Technician | 6   | 5         | 83.33  | 8           | 6         | 75.00  |        |
|   |                               | <b>Subtotal</b> |  |   |           | 51     | 41          | 80.39     | 106    | 80     |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |   |           |        |             |           |        |        |
|   | AAS                           | 19.0709         | Child Care Provider/Assistant  | 28  | 23        | 82.14  | 44          | 33        | 75.00  |        |
|   | CERT                          | 19.0709         | Child Care Provider/Assistant  | 3   | 2         | 66.67  | 4           | 3         | 75.00  |        |
|   | CSC                           | 19.0709         | Child Care Provider/Assistant  | 2   | 2         | 100.00 | .           | .         | .      |        |
|   | <b>Subtotal</b>               |                 |  |   | 33        | 27     | 81.82       | 48        | 36     | 75.00  |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |   |           |        |             |           |        |        |
|   | AAS                           | 15.0000         | Engineering Technologies/Technicians, General                                | 6   | 4         | 66.67  | 11          | 8         | 72.73  |        |
|   |                               | CERT            | 47.0604  | Automobile/Automotive Mechanics Technology/Technician | 6         | 6      | 100.00      | 7         | 2      | 28.57  |
|   |                               | 47.0605         | Diesel Mechanics Technology/Technician                                       | 10  | 6         | 60.00  | 4           | 4         | 100.00 |        |
|   |                               | CSC             | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician | 1         | 0      | 0.00        | 2         | 2      | 100.00 |
|   |                               | 48.0508         | Welding Technology/Welder  | 4   | 1         | 25.00  | 1           | 0         | 0.00   |        |
|   |                               | <b>Subtotal</b> |  |   |           | 27     | 17          | 62.96     | 25     | 16     |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |   |           |        |             |           |        |        |
|   | AAS                           | 43.0103         | Criminal Justice/Law Enforcement Administration                              | 7   | 7         | 100.00 | 18          | 13        | 72.22  |        |
|   | CSC                           | 43.0103         | Criminal Justice/Law Enforcement Administration                              | .   | .         | .      | 2           | 2         | 100.00 |        |
|   | <b>Subtotal</b>               |                 |  |   | 7         | 7      | 100.00      | 20        | 15     | 75.00  |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Laurel Ridge

|   |                 |            |  | Term        |           |        | Annual      |           |        |
|---|-----------------|------------|--|-------------|-----------|--------|-------------|-----------|--------|
|   |                 |            |  | Denominator | Numerator |        | Denominator | Numerator |        |
|   |                 |            |  | Sum         | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |            |  | 97          | 86        | 88.66  | 170         | 134       | 78.82  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.0707    | Health Information/Medical Records Technology/Technician                     | 12          | 9         | 75.00  | 20          | 19        | 95.00  |
|   |                 | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2           | 2         | 100.00 | 2           | 2         | 100.00 |
|   |                 | 51.0909    | Surgical Technology/Technologist   | 1           | 1         | 100.00 | 7           | 6         | 85.71  |
|   |                 | 51.1004    | Clinical/Medical Laboratory Technician                                       | 2           | 2         | 100.00 | 1           | 1         | 100.00 |
|   |                 | 51.3801    | Registered Nursing/Registered Nurse  | 22          | 20        | 90.91  | 44          | 39        | 88.64  |
|   | CERT            | 51.0799    | Health and Medical Administrative Services, Other                            | 5           | 5         | 100.00 | 9           | 9         | 100.00 |
|   |                 | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 3           | 3         | 100.00 | 6           | 4         | 66.67  |
|   | CSC             | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | .           | .         | .      | 1           | 1         | 100.00 |
|   |                 | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 1           | 0         | 0.00   | 1           | 0         | 0.00   |
|   | <b>Subtotal</b> |            |  |             | 48        | 42     | 87.50       | 91        | 81     |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 11.0101    | Computer and Information Sciences, General                                   | 10          | 8         | 80.00  | 10          | 7         | 70.00  |
|   |                 | 11.1003    | Computer and Information Systems Security/Auditing/Information Assurance     | 20          | 19        | 95.00  | 34          | 23        | 67.65  |
|   | CSC             | 11.0101    | Computer and Information Sciences, General                                   | 1           | 1         | 100.00 | 1           | 1         | 100.00 |
|   |                 | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician | .           | .         | .      | 1           | 1         | 100.00 |
|   | <b>Subtotal</b> |            |  |             | 31        | 28     | 90.32       | 46        | 32     |
| <b>Early Childhood Development</b>        | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 19.0709    | Child Care Provider/Assistant  | 12          | 10        | 83.33  | 25          | 16        | 64.00  |
|   | CSC             | 19.0709    | Child Care Provider/Assistant  | 1           | 1         | 100.00 | .           | .         | .      |
|   | <b>Subtotal</b> |            |  |             | 13        | 11     | 84.62       | 25        | 16     |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 15.0000    | Engineering Technologies/Technicians, General                                | 4           | 4         | 100.00 | 6           | 4         | 66.67  |
|   |                 | 15.0612    | Industrial Technology/Technician   | .           | .         | .      | 1           | 1         | 100.00 |
|   | <b>Subtotal</b> |            |  |             | 4         | 4      | 100.00      | 7         | 5      |
| <b>Public Safety</b>                      | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | CERT            | 43.0103    | Criminal Justice/Law Enforcement Administration                              | 1           | 1         | 100.00 | 1           | 0         | 0.00   |
|   | <b>Subtotal</b> |            |  |             | 1         | 1      | 100.00      | 1         | 0      |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Mountain Empire

|   |                               |               |  | Term   |           |        | Annual      |           |        |        |
|---|-------------------------------|---------------|--|--|-----------|--------|-------------|-----------|--------|--------|
|   |                               |               |  | Denominator  | Numerator |        | Denominator | Numerator |        |        |
|   |                               |               |  | Sum  | N         | %      | Sum         | N         | %      |        |
| <b>Total</b>                              |                               |               |  | 280  | 225       | 80.36  | 416         | 319       | 76.68  |        |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |        |
| <b>Health Care</b>                        | <b>AAS</b>                    | 51.0707       | Health Information/Medical Records Technology/Technician                                   | 3  | 3         | 100.00 | 12          | 9         | 75.00  |        |
|   |                               | 51.0904       | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 11   | 8         | 72.73  | 7           | 6         | 85.71  |        |
|   |                               | 51.0908       | Respiratory Care Therapy/Therapist   | 19   | 14        | 73.68  | 15          | 14        | 93.33  |        |
|   |                               | 51.3801       | Registered Nursing/Registered Nurse  | 32   | 28        | 87.50  | 42          | 39        | 92.86  |        |
|   | <b>CERT</b>                   | 51.0601       | Dental Assisting/Assistant   | 8  | 6         | 75.00  | .           | .         | .      |        |
|   |                               | 51.0799       | Health and Medical Administrative Services, Other  | 6  | 4         | 66.67  | 5           | 4         | 80.00  |        |
|   |                               | 51.3901       | Licensed Practical/Vocational Nurse Training   | 19   | 18        | 94.74  | 28          | 22        | 78.57  |        |
|   | <b>CSC</b>                    | 51.0601       | Dental Assisting/Assistant   | 3  | 1         | 33.33  | 10          | 10        | 100.00 |        |
|   |                               | 51.0799       | Health and Medical Administrative Services, Other  | .  | .         | .      | 1           | 1         | 100.00 |        |
|   |                               | 51.0999       | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 58   | 43        | 74.14  | 114         | 85        | 74.56  |        |
|   |                               | 51.1004       | Clinical/Medical Laboratory Technician   | 5  | 5         | 100.00 | 18          | 10        | 55.56  |        |
|   |                               | 51.3901       | Licensed Practical/Vocational Nurse Training   | 1  | 0         | 0.00   | 4           | 3         | 75.00  |        |
|   | <b>Subtotal</b>               |               |  |  | 165       | 130    | 78.79       | 256       | 203    | 79.30  |
|   | <b>Information Technology</b> | <b>Degree</b> | <b>CIP</b>   | <b>Description</b>   |           |        |             |           |        |        |
|   |                               | <b>AAS</b>    | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 9         | 7      | 77.78       | 10        | 10     | 100.00 |
|   | <b>CSC</b>                    | 11.0101       | Computer and Information Sciences, General   | .  | .         | .      | 1           | 0         | 0.00   |        |
|   |                               | 15.0303       | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2  | 2         | 100.00 | 3           | 0         | 0.00   |        |
| <b>Subtotal</b>                           |                               |               |  | 11   | 9         | 81.82  | 14          | 10        | 71.43  |        |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |        |
|   | <b>CSC</b>                    | 19.0709       | Child Care Provider/Assistant  | 9  | 4         | 44.44  | 14          | 11        | 78.57  |        |
| <b>Subtotal</b>                           |                               |               |  | 9  | 4         | 44.44  | 14          | 11        | 78.57  |        |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |        |
|   | <b>AAS</b>                    | 15.0599       | Environmental Control Technologies/Technicians, Other                                      | 25   | 23        | 92.00  | 37          | 28        | 75.68  |        |
|   |                               | 15.0612       | Industrial Technology/Technician   | 14   | 11        | 78.57  | 14          | 11        | 78.57  |        |
|   |                               | 15.0699       | Industrial Production Technologies/Technicians, Other                                      | 2  | 2         | 100.00 | 7           | 7         | 100.00 |        |
|   |                               | 15.1302       | CAD/CADD Drafting and/or Design Technology/Technician                                      | 5  | 3         | 60.00  | 6           | 4         | 66.67  |        |
|   |                               | 46.0301       | Electrical and Power Transmission Installation/Installer, General                          | 1  | 1         | 100.00 | .           | .         | .      |        |
|   |                               | 52.0499       | Business Operations Support and Secretarial Services, Other                                | 7  | 6         | 85.71  | 13          | 9         | 69.23  |        |
|   | <b>CERT</b>                   | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3  | 3         | 100.00 | 5           | 3         | 60.00  |        |
|   |                               | 48.0508       | Welding Technology/Welder  | 5  | 4         | 80.00  | 2           | 2         | 100.00 |        |
|   | <b>CSC</b>                    | 15.0599       | Environmental Control Technologies/Technicians, Other                                      | 1  | 1         | 100.00 | .           | .         | .      |        |
|   |                               | 46.0000       | Construction Trades, General   | 2  | 2         | 100.00 | 20          | 18        | 90.00  |        |
|   |                               | 46.0301       | Electrical and Power Transmission Installation/Installer, General                          | 12   | 11        | 91.67  | .           | .         | .      |        |
|   |                               | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  | 1         | 100.00 | .           | .         | .      |        |
|   |                               | 48.0508       | Welding Technology/Welder  | 5  | 4         | 80.00  | 5           | 3         | 60.00  |        |
| <b>Subtotal</b>                           |                               |               |  | 83   | 72        | 86.75  | 109         | 85        | 77.98  |        |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |        |
|   | <b>AAS</b>                    | 43.0102       | Corrections  | 3  | 3         | 100.00 | 5           | 2         | 40.00  |        |
|   |                               | 43.0103       | Criminal Justice/Law Enforcement Administration  | 9  | 7         | 77.78  | 17          | 8         | 47.06  |        |
|   | <b>CSC</b>                    | 43.0102       | Corrections  | .  | .         | .      | 1           | 0         | 0.00   |        |
| <b>Subtotal</b>                           |                               |               |  | 12   | 10        | 83.33  | 23          | 10        | 43.48  |        |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Mountain Gateway

|   |                 |            |  | Term        |           |        | Annual      |           |        |
|---|-----------------|------------|--|-------------|-----------|--------|-------------|-----------|--------|
|   |                 |            |  | Denominator | Numerator |        | Denominator | Numerator |        |
|   |                 |            |  | Sum         | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |            |  | 63          | 58        | 92.06  | 98          | 69        | 70.41  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.1009    | Phlebotomy Technician/Phlebotomist   | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.3801    | Registered Nursing/Registered Nurse  | 18          | 16        | 88.89  | 25          | 24        | 96.00  |
|   | CERT            | 51.0801    | Medical/Clinical Assistant   | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                      | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 15          | 12        | 80.00  | 41          | 19        | 46.34  |
|   |                 | 51.1009    | Phlebotomy Technician/Phlebotomist   | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.3901    | Licensed Practical/Vocational Nurse Training                                 | 8           | 8         | 100.00 | 9           | 8         | 88.89  |
| <b>Subtotal</b>                           |                 |            | 45   | 40          | 88.89     | 75     | 51          | 68.00     |        |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 11.0101    | Computer and Information Sciences, General                                   | 5           | 5         | 100.00 | 7           | 5         | 71.43  |
|   | CSC             | 11.0101    | Computer and Information Sciences, General                                   | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician | .           | .         | .      | 1           | 1         | 100.00 |
|   | <b>Subtotal</b> |            |  | 6           | 6         | 100.00 | 8           | 6         | 75.00  |
| <b>Early Childhood Development</b>        | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | CSC             | 19.0709    | Child Care Provider/Assistant  | 1           | 1         | 100.00 | 3           | 3         | 100.00 |
|   | <b>Subtotal</b> |            |  | 1           | 1         | 100.00 | 3           | 3         | 100.00 |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 47.0105    | Industrial Electronics Technology/Technician                                 | 8           | 8         | 100.00 | 12          | 9         | 75.00  |
|   | CERT            | 48.0508    | Welding Technology/Welder  | 3           | 3         | 100.00 | .           | .         | .      |
|   | <b>Subtotal</b> |            |  | 11          | 11        | 100.00 | 12          | 9         | 75.00  |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=New River

|   |                               |            |  | Term                                       |           |        | Annual      |           |        |        |
|---|-------------------------------|------------|--|--|-----------|--------|-------------|-----------|--------|--------|
|   |                               |            |  | Denominator                                | Numerator |        | Denominator | Numerator |        |        |
|   |                               |            |  | Sum  | N         | %      | Sum         | N         | %      |        |
| <b>Total</b>                              |                               |            |  | 270  | 228       | 84.44  | 338         | 257       | 76.04  |        |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b> | <b>Description</b>   |  |           |        |             |           |        |        |
| <b>Health Care</b>                        | AAS                           | 51.0801    | Medical/Clinical Assistant   | 1  | 1         | 100.00 | .           | .         | .      |        |
|   |                               | 51.1599    | Mental and Social Health Services and Allied Professions, Other                            | 19   | 16        | 84.21  | 32          | 24        | 75.00  |        |
|   |                               | 51.3801    | Registered Nursing/Registered Nurse  | 42   | 39        | 92.86  | 51          | 44        | 86.27  |        |
|   | CERT                          | 51.1599    | Mental and Social Health Services and Allied Professions, Other                            | 2  | 2         | 100.00 | 2           | 1         | 50.00  |        |
|   |                               | 51.3901    | Licensed Practical/Vocational Nurse Training   | 9  | 6         | 66.67  | 11          | 6         | 54.55  |        |
|   | CSC                           | 51.0707    | Health Information/Medical Records Technology/Technician                                   | 2  | 2         | 100.00 | 6           | 5         | 83.33  |        |
|   |                               | 51.0902    | Electrocardiograph Technology/Technician   | 2  | 1         | 50.00  | .           | .         | .      |        |
|   |                               | 51.0999    | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 25   | 20        | 80.00  | .           | .         | .      |        |
|   | <b>Subtotal</b>               |            |  |  | 102       | 87     | 85.29       | 102       | 80     | 78.43  |
|   | <b>Information Technology</b> | AAS        | 11.0101  | Computer and Information Sciences, General | 30        | 23     | 76.67       | 47        | 34     | 72.34  |
| 15.0303                                   |                               |            | Electrical, Electronic, and Communications Engineering Technology/Technician               | 19   | 17        | 89.47  | 20          | 19        | 95.00  |        |
| CSC                                       |                               | 11.0101    | Computer and Information Sciences, General   | 1  | 1         | 100.00 | 2           | 0         | 0.00   |        |
|   |                               | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1  | 1         | 100.00 | 3           | 2         | 66.67  |        |
| <b>Subtotal</b>                           |                               |            |  | 51   | 42        | 82.35  | 72          | 55        | 76.39  |        |
| <b>Early Childhood Development</b>        |                               | Degree     | CIP  | Description                                |           |        |             |           |        |        |
|   | CERT                          | 19.0709    | Child Care Provider/Assistant  | 1  | 0         | 0.00   | 2           | 2         | 100.00 |        |
|   | <b>Subtotal</b>               |            |  |  | 1         | 0      | 0.00        | 2         | 2      | 100.00 |
| <b>Manufacturing &amp; Skilled Trades</b> | AAS                           | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                                      | 8  | 8         | 100.00 | 13          | 12        | 92.31  |        |
|   |                               | 47.0105    | Industrial Electronics Technology/Technician   | 34   | 32        | 94.12  | 44          | 36        | 81.82  |        |
|   |                               | 48.0599    | Precision Metal Working, Other   | 5  | 5         | 100.00 | 8           | 8         | 100.00 |        |
|   | CERT                          | 52.0499    | Business Operations Support and Secretarial Services, Other                                | 15   | 10        | 66.67  | 36          | 24        | 66.67  |        |
|   |                               | 48.0508    | Welding Technology/Welder  | 10   | 8         | 80.00  | 17          | 9         | 52.94  |        |
|   | CSC                           | 52.0499    | Business Operations Support and Secretarial Services, Other                                | .  | .         | .      | 2           | 2         | 100.00 |        |
|   |                               | 15.0613    | Manufacturing Engineering Technology/Technician  | .  | .         | .      | 1           | 1         | 100.00 |        |
|   |                               | 15.0699    | Industrial Production Technologies/Technicians, Other                                      | .  | .         | .      | 2           | 2         | 100.00 |        |
|   |                               | 46.0302    | Electrician  | .  | .         | .      | 1           | 0         | 0.00   |        |
|   |                               | 46.0401    | Building/Property Maintenance  | 1  | 1         | 100.00 | .           | .         | .      |        |
|   |                               | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3  | 3         | 100.00 | 4           | 4         | 100.00 |        |
|   | DIPL                          | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                                      | .  | .         | .      | 1           | 1         | 100.00 |        |
|   |                               | 48.0508    | Welding Technology/Welder  | 3  | 2         | 66.67  | 7           | 5         | 71.43  |        |
|   | <b>Subtotal</b>               |            |  |  | 21        | 17     | 80.95       | 9         | 6      | 66.67  |
|   | <b>Public Safety</b>          | Degree     | CIP  | Description                                |           |        |             |           |        |        |
| AAS                                       |                               | 43.0103    | Criminal Justice/Law Enforcement Administration  | 13   | 11        | 84.62  | 8           | 3         | 37.50  |        |
|   |                               | 43.0406    | Forensic Science and Technology  | 3  | 2         | 66.67  | 9           | 7         | 77.78  |        |
| <b>Subtotal</b>                           |                               |            |  | 16   | 13        | 81.25  | 17          | 10        | 58.82  |        |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Northern Virginia

|   |               |   |   | Term   |           |        | Annual      |           |        |        |
|---|---------------|---|---|--|-----------|--------|-------------|-----------|--------|--------|
|   |               |   |   | Denominator  | Numerator |        | Denominator | Numerator |        |        |
|   |               |   |   | Sum  | N         | %      | Sum         | N         | %      |        |
| <b>Total</b>                              |               |   |   | 1,099  | 963       | 87.63  | 1,433       | 1,175     | 82.00  |        |
| <b>Program Area</b>                       | <b>Degree</b> | <b>CIP</b>                                | <b>Description</b>  |  |           |        |             |           |        |        |
| <b>Health Care</b>                        | AAS           | 01.8301                                   | Veterinary/Animal Health Technology/Technician and Veterinary Assistant |  |           |        |             |           |        |        |
|   |               | 51.0602                                   | Dental Hygiene/Hygienist  | 17   | 17        | 100.00 | 17          | 12        | 70.59  |        |
|   |               | 51.0707                                   | Health Information/Medical Records Technology/Technician                | 22   | 21        | 95.45  | 15          | 13        | 86.67  |        |
|   |               | 51.0801                                   | Medical/Clinical Assistant  | 1  | 1         | 100.00 | 6           | 5         | 83.33  |        |
|   |               | 51.0803                                   | Occupational Therapist Assistant  | 1  | 0         | 0.00   | .           | .         | .      |        |
|   |               | 51.0806                                   | Physical Therapy Assistant  | 5  | 5         | 100.00 | 10          | 9         | 90.00  |        |
|   |               | 51.0904                                   | Emergency Medical Technology/Technician (EMT Paramedic)                 | 9  | 7         | 77.78  | 9           | 9         | 100.00 |        |
|   |               | 51.0908                                   | Respiratory Care Therapy/Therapist                                      | 2  | 2         | 100.00 | 3           | 2         | 66.67  |        |
|   |               | 51.0910                                   | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician     | 6  | 4         | 66.67  | 6           | 6         | 100.00 |        |
|   |               | 51.0911                                   | Radiologic Technology/Science - Radiographer                            | 9  | 9         | 100.00 | 5           | 5         | 100.00 |        |
|   |               | 51.1004                                   | Clinical/Medical Laboratory Technician                                  | 11   | 11        | 100.00 | 4           | 4         | 100.00 |        |
|   |               | 51.3801                                   | Registered Nursing/Registered Nurse                                     | 5  | 5         | 100.00 | 4           | 4         | 100.00 |        |
|   |               | 51.3801                                   | Registered Nursing/Registered Nurse                                     | 47   | 42        | 89.36  | 63          | 58        | 92.06  |        |
|   |               | CERT                                      | 51.0601   | Dental Assisting/Assistant   | 2         | 1      | 50.00       | 2         | 2      | 100.00 |
|   |               | CERT                                      | 51.1501   | Substance Abuse/Addiction Counseling   | 6         | 6      | 100.00      | 11        | 10     | 90.91  |
| CSC                                       | 51.0713       | Medical Insurance Coding Specialist/Coder | 2   | 2  | 100.00    | .      | .           | .         |        |        |
| CSC                                       | 51.1009       | Phlebotomy Technician/Phlebotomist        | 1   | 1  | 100.00    | 3      | 3           | 100.00    |        |        |
| <b>Subtotal</b>                           |               |   |   | 146  | 134       | 91.78  | 158         | 142       | 89.87  |        |
| <b>Information Technology</b>             | Degree        | CIP                                       | Description   |  |           |        |             |           |        |        |
|   |               | AAS                                       | 11.0103   | Information Technology   | 137       | 114    | 83.21       | 191       | 161    | 84.29  |
|   |               | AAS                                       | 11.0902   | Cloud Computing  | 1         | 1      | 100.00      | .         | .      | .      |
|   |               | AAS                                       | 11.1003   | Computer and Information Systems Security/Auditing/Information Assurance                   | 521       | 475    | 91.17       | 651       | 535    | 82.18  |
|   |               | AS  | 11.0103   | Information Technology   | 1         | 1      | 100.00      | .         | .      | .      |
|   |               | AS  | 11.0701   | Computer Science   | 2         | 2      | 100.00      | .         | .      | .      |
|   |               | CSC                                       | 11.0101   | Computer and Information Sciences, General   | 5         | 3      | 60.00       | 7         | 2      | 28.57  |
|   |               | CSC                                       | 11.0801   | Web Page, Digital/Multimedia and Information Resources Design                              | 4         | 2      | 50.00       | 11        | 10     | 90.91  |
|   |               | CSC                                       | 11.1001   | Network and System Administration/Administrator  | 2         | 1      | 50.00       | 2         | 1      | 50.00  |
|   |               | CSC                                       | 11.1003   | Computer and Information Systems Security/Auditing/Information Assurance                   | 17        | 14     | 82.35       | 43        | 33     | 76.74  |
|   |               | CSC                                       | 11.1099   | Computer/Information Technology Services Administration and Management, Other              | 8         | 6      | 75.00       | 8         | 4      | 50.00  |
| <b>Subtotal</b>                           |               |   |   | 698  | 619       | 88.68  | 913         | 746       | 81.71  |        |
| <b>Early Childhood Development</b>        | Degree        | CIP                                       | Description   |  |           |        |             |           |        |        |
|   |               | AAS                                       | 19.0709   | Child Care Provider/Assistant  | 73        | 65     | 89.04       | 97        | 85     | 87.63  |
|   |               | CERT                                      | 19.0709   | Child Care Provider/Assistant  | 9         | 7      | 77.78       | 16        | 10     | 62.50  |
|   |               | CSC                                       | 13.1210   | Early Childhood Education and Teaching   | 5         | 5      | 100.00      | 8         | 5      | 62.50  |
|   |               | CSC                                       | 19.0799   | Human Development, Family Studies, and Related Services, Other                             | .         | .      | .           | 3         | 1      | 33.33  |
| <b>Subtotal</b>                           |               |   |   | 87   | 77        | 88.51  | 124         | 101       | 81.45  |        |
| <b>Manufacturing &amp; Skilled Trades</b> | Degree        | CIP                                       | Description   |  |           |        |             |           |        |        |
|   |               | AAS                                       | 15.0000   | Engineering Technologies/Technicians, General  | 3         | 3      | 100.00      | 6         | 5      | 83.33  |
|   |               | AAS                                       | 15.0001   | Applied Engineering Technologies/Technicians   | 16        | 11     | 68.75       | 20        | 16     | 80.00  |
|   |               | AAS                                       | 41.0101   | Biology/Biotechnology Technology/Technician  | 1         | 1      | 100.00      | 3         | 3      | 100.00 |
|   |               | AAS                                       | 47.0201   | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 31        | 23     | 74.19       | 36        | 25     | 69.44  |
|   |               | AAS                                       | 47.0604   | Automobile/Automotive Mechanics Technology/Technician                                      | 47        | 39     | 82.98       | 60        | 46     | 76.67  |
|   |               | AAS                                       | 52.2001   | Construction Management, General   | 28        | 25     | 89.29       | 36        | 29     | 80.56  |



|               |        |          |  |     |     |        |  |     |     |        |
|---------------|--------|----------|--|-----|-----|--------|--|-----|-----|--------|
|               | CERT   | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |     |     |        |  |     |     |        |
|               |        |          |  | 3   | 2   | 66.67  |  | 4   | 2   | 50.00  |
|               | CSC    | 15.0000  | Engineering Technologies/Technicians, General  |     |     |        |  |     |     |        |
|               |        |          |  | 1   | 1   | 100.00 |  | 5   | 4   | 80.00  |
|               |        | 15.0201  | Civil Engineering Technologies/Technicians   | 1   | 0   | 0.00   |  | .   | .   | .      |
|               |        | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1   | 0   | 0.00   |  | 3   | 2   | 66.67  |
|               |        | 15.9999  | Engineering/Engineering-Related Technologies/Technicians, Other                            | 2   | 2   | 100.00 |  | 5   | 5   | 100.00 |
|               |        | 41.0101  | Biology/Biotechnology Technology/Technician  | .   | .   | .      |  | 4   | 2   | 50.00  |
|               |        | 46.0412  | Building/Construction Site Management/Manager  | 5   | 4   | 80.00  |  | 4   | 4   | 100.00 |
|               |        | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2   | 0   | 0.00   |  | 5   | 4   | 80.00  |
|               |        | 47.0603  | Autobody/Collision and Repair Technology/Technician  | 2   | 1   | 50.00  |  | 2   | 2   | 100.00 |
|               |        | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                                      | 1   | 1   | 100.00 |  | 5   | 4   | 80.00  |
|               |        | 47.0605  | Diesel Mechanics Technology/Technician   | 1   | 0   | 0.00   |  | .   | .   | .      |
|               |        | 48.0508  | Welding Technology/Welder  | 1   | 0   | 0.00   |  | .   | .   | .      |
|               |        | Subtotal |  | 146 | 113 | 77.40  |  | 198 | 153 | 77.27  |
| Public Safety | Degree | CIP      | Description  |     |     |        |  |     |     |        |
|               | AAS    | 43.0103  | Criminal Justice/Law Enforcement Administration  |     |     |        |  |     |     |        |
|               |        |          |  | 13  | 11  | 84.62  |  | 36  | 29  | 80.56  |
|               | CERT   | 43.0199  | Corrections and Criminal Justice, Other  | .   | .   | .      |  | 3   | 3   | 100.00 |
|               | CSC    | 43.0199  | Corrections and Criminal Justice, Other  | 5   | 5   | 100.00 |  | 1   | 1   | 100.00 |
|               |        | Subtotal |  | 18  | 16  | 88.89  |  | 40  | 33  | 82.50  |
| Other         | Degree | CIP      | Description  |     |     |        |  |     |     |        |
|               | AS     | 14.0101  | Engineering, General   | 1   | 1   | 100.00 |  | .   | .   | .      |
|               |        | 24.0102  | General Studies  | 3   | 3   | 100.00 |  | .   | .   | .      |
|               |        | Subtotal |  | 4   | 4   | 100.00 |  | .   | .   | .      |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Patrick & Henry

|   |                               |                 |  | Term               |           |        | Annual      |           |        |       |
|---|-------------------------------|-----------------|--|--------------------|-----------|--------|-------------|-----------|--------|-------|
|   |                               |                 |  | Denominator        | Numerator |        | Denominator | Numerator |        |       |
|   |                               |                 |  | Sum                | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                               |                 |  | 168                | 147       | 87.50  | 238         | 190       | 79.83  |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |                    |           |        |             |           |        |       |
| <b>Health Care</b>                        | AAS                           | 51.0806         | Physical Therapy Assistant   | 17                 | 17        | 100.00 | 29          | 28        | 96.55  |       |
|   |                               | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                      | 8                  | 7         | 87.50  | 12          | 10        | 83.33  |       |
|   |                               | 51.3801         | Registered Nursing/Registered Nurse  | 10                 | 8         | 80.00  | 28          | 25        | 89.29  |       |
|   |                               | 51.3902         | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   | CERT                          | 51.3501         | Massage Therapy/Therapeutic Massage  | 2                  | 2         | 100.00 | 3           | 3         | 100.00 |       |
|   |                               | 51.3901         | Licensed Practical/Vocational Nurse Training                                 | 2                  | 2         | 100.00 | 4           | 4         | 100.00 |       |
|   | CSC                           | 51.0799         | Health and Medical Administrative Services, Other                            | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2                  | 2         | 100.00 | 9           | 7         | 77.78  |       |
|   |                               | 51.0999         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 51.3801         | Registered Nursing/Registered Nurse  | 19                 | 10        | 52.63  | 30          | 17        | 56.67  |       |
|   |                               | <b>Subtotal</b> |  |                    | 61        | 49     | 80.33       | 117       | 96     | 82.05 |
|   | <b>Information Technology</b> | <b>Degree</b>   | <b>CIP</b>   | <b>Description</b> |           |        |             |           |        |       |
| AAS                                       |                               | 11.0101         | Computer and Information Sciences, General                                   | 14                 | 13        | 92.86  | 8           | 6         | 75.00  |       |
| CSC                                       |                               | 11.0101         | Computer and Information Sciences, General                                   | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 15.0303         | Electrical, Electronic, and Communications Engineering Technology/Technician | 2                  | 2         | 100.00 | 7           | 5         | 71.43  |       |
|   |                               | <b>Subtotal</b> |  |                    | 16        | 15     | 93.75       | 16        | 12     | 75.00 |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 19.0709         | Child Care Provider/Assistant  | 15                 | 12        | 80.00  | 20          | 18        | 90.00  |       |
|   | CERT                          | 19.0709         | Child Care Provider/Assistant  | 4                  | 3         | 75.00  | 8           | 8         | 100.00 |       |
|   |                               | <b>Subtotal</b> |  |                    | 19        | 15     | 78.95       | 28        | 26     | 92.86 |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 15.0000         | Engineering Technologies/Technicians, General                                | 14                 | 14        | 100.00 | 8           | 6         | 75.00  |       |
|   |                               | 15.0612         | Industrial Technology/Technician   | .                  | .         | .      | 3           | 1         | 33.33  |       |
|   |                               | 47.0105         | Industrial Electronics Technology/Technician                                 | 26                 | 26        | 100.00 | 18          | 16        | 88.89  |       |
|   | CERT                          | 15.1302         | CAD/CADD Drafting and/or Design Technology/Technician                        | 1                  | 1         | 100.00 | 2           | 1         | 50.00  |       |
|   |                               | 48.0508         | Welding Technology/Welder  | 12                 | 11        | 91.67  | 22          | 16        | 72.73  |       |
|   | CSC                           | 15.0613         | Manufacturing Engineering Technology/Technician                              | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |                               | 47.0604         | Automobile/Automotive Mechanics Technology/Technician                        | 3                  | 3         | 100.00 | 1           | 0         | 0.00   |       |
|   |                               | 48.0508         | Welding Technology/Welder  | 1                  | 1         | 100.00 | 2           | 1         | 50.00  |       |
|   |                               | 48.0599         | Precision Metal Working, Other   | .                  | .         | .      | 2           | 2         | 100.00 |       |
|   |                               | 52.0499         | Business Operations Support and Secretarial Services, Other                  | .                  | .         | .      | 4           | 4         | 100.00 |       |
|   |                               | <b>Subtotal</b> |  |                    | 58        | 57     | 98.28       | 62        | 47     | 75.81 |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>      | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 43.0103         | Criminal Justice/Law Enforcement Administration                              | 14                 | 11        | 78.57  | 15          | 9         | 60.00  |       |
|   |                               | <b>Subtotal</b> |  |                    | 14        | 11     | 78.57       | 15        | 9      | 60.00 |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Paul D. Camp

|   |                 |                 |  | Term        |           |        | Annual      |           |        |
|---|-----------------|-----------------|--|-------------|-----------|--------|-------------|-----------|--------|
|   |                 |                 |  | Denominator | Numerator |        | Denominator | Numerator |        |
|   |                 |                 |  | Sum         | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |                 |  | 61          | 46        | 75.41  | 85          | 58        | 68.24  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.3801         | Registered Nursing/Registered Nurse  | 15          | 14        | 93.33  | 20          | 18        | 90.00  |
|   | CERT            | 51.3901         | Licensed Practical/Vocational Nurse Training   | 1           | 1         | 100.00 | 8           | 7         | 87.50  |
|   | CSC             | 51.0799         | Health and Medical Administrative Services, Other  | 6           | 4         | 66.67  | 5           | 2         | 40.00  |
|   |                 | 51.0902         | Electrocardiograph Technology/Technician   | 1           | 0         | 0.00   | .           | .         | .      |
|   |                 | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1           | 0         | 0.00   | 3           | 0         | 0.00   |
|   |                 | 51.1004         | Clinical/Medical Laboratory Technician   | 3           | 1         | 33.33  | .           | .         | .      |
|   |                 | 51.1599         | Mental and Social Health Services and Allied Professions, Other                            | .           | .         | .      | 19          | 10        | 52.63  |
|   |                 | 51.3801         | Registered Nursing/Registered Nurse  | 6           | 5         | 83.33  | .           | .         | .      |
|   |                 | 51.3901         | Licensed Practical/Vocational Nurse Training   | 1           | 0         | 0.00   | .           | .         | .      |
|   |                 | <b>Subtotal</b> |  |             | 34        | 25     | 73.53       | 55        | 37     |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | CSC             | 11.0101         | Computer and Information Sciences, General   | 4           | 2         | 50.00  | 6           | 4         | 66.67  |
|   |                 | 15.0303         | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1           | 1         | 100.00 | 3           | 2         | 66.67  |
|   | <b>Subtotal</b> |                 |  | 5           | 3         | 60.00  | 9           | 6         | 66.67  |
| <b>Early Childhood Development</b>        | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 19.0709         | Child Care Provider/Assistant  | 11          | 8         | 72.73  | 7           | 5         | 71.43  |
|   | CERT            | 19.0709         | Child Care Provider/Assistant  | 1           | 1         | 100.00 | 1           | 1         | 100.00 |
|   | <b>Subtotal</b> |                 |  | 12          | 9         | 75.00  | 8           | 6         | 75.00  |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 15.0699         | Industrial Production Technologies/Technicians, Other                                      | 1           | 1         | 100.00 | 3           | 3         | 100.00 |
|   | CERT            | 46.0302         | Electrician  | .           | .         | .      | 1           | 1         | 100.00 |
|   | CSC             | 15.0699         | Industrial Production Technologies/Technicians, Other                                      | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 46.0302         | Electrician  | 1           | 1         | 100.00 | 1           | 1         | 100.00 |
|   |                 | 47.0201         | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 3           | 2         | 66.67  | 2           | 1         | 50.00  |
|   |                 | 48.0508         | Welding Technology/Welder  | 2           | 2         | 100.00 | 4           | 2         | 50.00  |
|   | <b>Subtotal</b> |                 |  | 8           | 7         | 87.50  | 11          | 8         | 72.73  |
| <b>Public Safety</b>                      | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 43.0103         | Criminal Justice/Law Enforcement Administration  | 2           | 2         | 100.00 | 2           | 1         | 50.00  |
|   | <b>Subtotal</b> |                 |  | 2           | 2         | 100.00 | 2           | 1         | 50.00  |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Piedmont Virginia

|   |                               |               |  | Term                                       |           |        | Annual      |           |        |       |
|---|-------------------------------|---------------|--|--|-----------|--------|-------------|-----------|--------|-------|
|   |                               |               |  | Denominator                                | Numerator |        | Denominator | Numerator |        |       |
|   |                               |               |  | Sum  | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                               |               |  | 153  | 127       | 83.01  | 181         | 141       | 77.90  |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
| <b>Health Care</b>                        | AAS                           | 51.0904       | Emergency Medical Technology/Technician (EMT Paramedic)                      | 2  | 2         | 100.00 | 3           | 3         | 100.00 |       |
|   |                               | 51.0909       | Surgical Technology/Technologist   | 2  | 2         | 100.00 | 1           | 1         | 100.00 |       |
|   |                               | 51.0910       | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician          | 10   | 9         | 90.00  | 10          | 9         | 90.00  |       |
|   |                               | 51.0911       | Radiologic Technology/Science - Radiographer                                 | 13   | 13        | 100.00 | 9           | 8         | 88.89  |       |
|   |                               | 51.3801       | Registered Nursing/Registered Nurse  | 52   | 45        | 86.54  | 47          | 42        | 89.36  |       |
|   | CERT                          | 51.0799       | Health and Medical Administrative Services, Other                            | 5  | 3         | 60.00  | 7           | 5         | 71.43  |       |
|   |                               | 51.3901       | Licensed Practical/Vocational Nurse Training                                 | 4  | 4         | 100.00 | 3           | 2         | 66.67  |       |
|   | CSC                           | 51.0707       | Health Information/Medical Records Technology/Technician                     | 5  | 3         | 60.00  | 3           | 2         | 66.67  |       |
|   |                               | 51.0904       | Emergency Medical Technology/Technician (EMT Paramedic)                      | .  | .         | .      | 3           | 3         | 100.00 |       |
|   |                               | 51.0999       | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 3  | 2         | 66.67  | 6           | 4         | 66.67  |       |
|   | <b>Subtotal</b>               |               |  |  | 96        | 83     | 86.46       | 92        | 79     | 85.87 |
|   | <b>Information Technology</b> | <b>Degree</b> | <b>CIP</b>   | <b>Description</b>                         |           |        |             |           |        |       |
|   |                               | AAS           | 11.0101  | Computer and Information Sciences, General | 32        | 26     | 81.25       | 55        | 38     | 69.09 |
|   |                               | AS            | 11.0701  | Computer Science                           | 2         | 2      | 100.00      | .         | .      | .     |
| CSC                                       |                               | 11.0101       | Computer and Information Sciences, General                                   | 2  | 1         | 50.00  | 2           | 2         | 100.00 |       |
|   |                               | 15.0303       | Electrical, Electronic, and Communications Engineering Technology/Technician | 1  | 0         | 0.00   | 4           | 3         | 75.00  |       |
| <b>Subtotal</b>                           |                               |               |  | 37   | 29        | 78.38  | 61          | 43        | 70.49  |       |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
|   | AS                            | 13.0101       | Education, General   | 1  | 1         | 100.00 | .           | .         | .      |       |
|   | CSC                           | 19.0709       | Child Care Provider/Assistant  | 5  | 4         | 80.00  | 8           | 5         | 62.50  |       |
|   | <b>Subtotal</b>               |               |  |  | 6         | 5      | 83.33       | 8         | 5      | 62.50 |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
|   | AAS                           | 47.0105       | Industrial Electronics Technology/Technician                                 | 6  | 5         | 83.33  | 5           | 5         | 100.00 |       |
|   | CSC                           | 15.0699       | Industrial Production Technologies/Technicians, Other                        | .  | .         | .      | 2           | 1         | 50.00  |       |
|   |                               | 47.0105       | Industrial Electronics Technology/Technician                                 | 1  | 0         | 0.00   | 1           | 1         | 100.00 |       |
|   | <b>Subtotal</b>               |               |  |  | 7         | 5      | 71.43       | 8         | 7      | 87.50 |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
|   | AAS                           | 43.0103       | Criminal Justice/Law Enforcement Administration                              | 6  | 4         | 66.67  | 11          | 6         | 54.55  |       |
|   | CSC                           | 43.0103       | Criminal Justice/Law Enforcement Administration                              | 1  | 1         | 100.00 | 1           | 1         | 100.00 |       |
|   | <b>Subtotal</b>               |               |  |  | 7         | 5      | 71.43       | 12        | 7      | 58.33 |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Rappahannock

|   |                 |            |  | Term        |           |        | Annual      |           |        |
|---|-----------------|------------|--|-------------|-----------|--------|-------------|-----------|--------|
|   |                 |            |  | Denominator | Numerator |        | Denominator | Numerator |        |
|   |                 |            |  | Sum         | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |            |  | 73          | 60        | 82.19  | 100         | 80        | 80.00  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.3801    | Registered Nursing/Registered Nurse  | 19          | 18        | 94.74  | 28          | 25        | 89.29  |
|   | CERT            | 51.3901    | Licensed Practical/Vocational Nurse Training   | 7           | 5         | 71.43  | 20          | 18        | 90.00  |
|   | CSC             | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 5           | 4         | 80.00  | 3           | 1         | 33.33  |
|   |                 | 51.1004    | Clinical/Medical Laboratory Technician   | 1           | 1         | 100.00 | 1           | 1         | 100.00 |
|   |                 | 51.3801    | Registered Nursing/Registered Nurse  | 26          | 20        | 76.92  | 28          | 19        | 67.86  |
|   |                 | 51.3901    | Licensed Practical/Vocational Nurse Training   | 5           | 5         | 100.00 | 4           | 4         | 100.00 |
|   | <b>Subtotal</b> |            |  |             | 63        | 53     | 84.13       | 84        | 68     |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | CSC             | 11.0101    | Computer and Information Sciences, General   |             |           |        | 1           | 0         | 0.00   |
|   |                 | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | 4           | 2         | 50.00  | 5           | 4         | 80.00  |
|   | <b>Subtotal</b> |            |  |             | 4         | 2      | 50.00       | 6         | 4      |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 15.0000    | Engineering Technologies/Technicians, General  |             |           |        | 2           | 1         | 50.00  |
|   | CSC             | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |             |           |        | 2           | 2         | 100.00 |
|   |                 | 47.0605    | Diesel Mechanics Technology/Technician   |             |           |        | 1           | 1         | 100.00 |
|   |                 | 48.0508    | Welding Technology/Welder  | 2           | 2         | 100.00 |             |           |        |
|   | <b>Subtotal</b> |            |  |             | 2         | 2      | 100.00      | 5         | 4      |
| <b>Public Safety</b>                      | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 43.0103    | Criminal Justice/Law Enforcement Administration  | 4           | 3         | 75.00  | 5           | 4         | 80.00  |
|   | <b>Subtotal</b> |            |  |             | 4         | 3      | 75.00       | 5         | 4      |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Southside Virginia

|   |                               |  |  | Term               |           |        | Annual      |           |        |       |
|---|-------------------------------|--|--|--------------------|-----------|--------|-------------|-----------|--------|-------|
|   |                               |  |  | Denominator        | Numerator |        | Denominator | Numerator |        |       |
|   |                               |  |  | Sum                | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                               |  |  | 151                | 108       | 71.52  | 185         | 132       | 71.35  |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| <b>Health Care</b>                        | AAS                           | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 8                  | 4         | 50.00  | 9           | 8         | 88.89  |       |
|   |                               | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | 26                 | 22        | 84.62  | 30          | 21        | 70.00  |       |
|   |                               | 51.3801  | Registered Nursing/Registered Nurse  | 24                 | 18        | 75.00  | 29          | 24        | 82.76  |       |
|   | CERT                          | 51.1501  | Substance Abuse/Addiction Counseling   | 3                  | 1         | 33.33  | .           | .         | .      |       |
|   |                               | 51.1599  | Mental and Social Health Services and Allied Professions, Other              | .                  | .         | .      | 2           | 2         | 100.00 |       |
|   |                               | 51.3901  | Licensed Practical/Vocational Nurse Training                                 | 22                 | 15        | 68.18  | 27          | 18        | 66.67  |       |
|   | CSC                           | 51.0799  | Health and Medical Administrative Services, Other                            | 5                  | 2         | 40.00  | 6           | 5         | 83.33  |       |
|   |                               | 51.0904  | Emergency Medical Technology/Technician (EMT Paramedic)                      | 1                  | 1         | 100.00 | 2           | 0         | 0.00   |       |
|   |                               | 51.0999  | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 2                  | 2         | 100.00 | 2           | 1         | 50.00  |       |
|   | <b>Subtotal</b>               |  |  |                    | 91        | 65     | 71.43       | 107       | 79     | 73.83 |
|   | <b>Information Technology</b> | <b>Degree</b>  | <b>CIP</b>   | <b>Description</b> |           |        |             |           |        |       |
| AAS                                       | 11.0101                       | Computer and Information Sciences, General   |  | 10                 | 8         | 80.00  | 12          | 7         | 58.33  |       |
|   |                               | Computer Systems Networking and Telecommunications   |  | 6                  | 5         | 83.33  | 10          | 6         | 60.00  |       |
|   | CSC                           | 15.0303  | Electrical, Electronic, and Communications Engineering Technology/Technician | 3                  | 1         | 33.33  | 1           | 0         | 0.00   |       |
| <b>Subtotal</b>                           |                               |  |  | 19                 | 14        | 73.68  | 23          | 13        | 56.52  |       |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| CSC                                       | 19.0709                       | Child Care Provider/Assistant  | 1  | 0                  | 0.00      | 1      | 1           | 100.00    |        |       |
| <b>Subtotal</b>                           |                               |  |  | 1                  | 0         | 0.00   | 1           | 1         | 100.00 |       |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| AAS                                       | 15.0612                       | Industrial Technology/Technician   | 7  | 7                  | 100.00    | 6      | 6           | 100.00    |        |       |
|   | 52.0499                       | Business Operations Support and Secretarial Services, Other                                | 15   | 11                 | 73.33     | 29     | 23          | 79.31     |        |       |
| CERT                                      | 46.0302                       | Electrician  | 3  | 1                  | 33.33     | 1      | 0           | 0.00      |        |       |
|   | 47.0604                       | Automobile/Automotive Mechanics Technology/Technician                                      | 2  | 1                  | 50.00     | 5      | 3           | 60.00     |        |       |
|   | 48.0508                       | Welding Technology/Welder  | 1  | 0                  | 0.00      | 3      | 1           | 33.33     |        |       |
| CSC                                       | 46.0302                       | Electrician  | 1  | 1                  | 100.00    | .      | .           | .         |        |       |
|   | 47.0201                       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1  | 1                  | 100.00    | 2      | 1           | 50.00     |        |       |
|   | 47.0604                       | Automobile/Automotive Mechanics Technology/Technician                                      | .  | .                  | .         | 1      | 1           | 100.00    |        |       |
|   | 48.0508                       | Welding Technology/Welder  | .  | .                  | .         | 1      | 1           | 100.00    |        |       |
| <b>Subtotal</b>                           |                               |  |  | 30                 | 22        | 73.33  | 48          | 36        | 75.00  |       |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>   | <b>Description</b>   |                    |           |        |             |           |        |       |
| AAS                                       | 43.0103                       | Criminal Justice/Law Enforcement Administration  | 9  | 6                  | 66.67     | 6      | 3           | 50.00     |        |       |
| CERT                                      | 43.0103                       | Criminal Justice/Law Enforcement Administration  | 1  | 1                  | 100.00    | .      | .           | .         |        |       |
| <b>Subtotal</b>                           |                               |  |  | 10                 | 7         | 70.00  | 6           | 3         | 50.00  |       |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Southwest Virginia

|   |                      |               |  | Term               |           |        | Annual      |           |        |       |
|---|----------------------|---------------|--|--------------------|-----------|--------|-------------|-----------|--------|-------|
|   |                      |               |  | Denominator        | Numerator |        | Denominator | Numerator |        |       |
|   |                      |               |  | Sum                | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                      |               |  | 313                | 244       | 77.96  | 404         | 285       | 70.54  |       |
| <b>Program Area</b>                       | <b>Degree</b>        | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
| <b>Health Care</b>                        | <b>AAS</b>           | 51.0803       | Occupational Therapist Assistant   | 4                  | 4         | 100.00 | .           | .         | .      |       |
|   |                      | 51.0904       | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 23                 | 20        | 86.96  | 16          | 9         | 56.25  |       |
|   |                      | 51.0911       | Radiologic Technology/Science - Radiographer   | 5                  | 5         | 100.00 | 3           | 2         | 66.67  |       |
|   |                      | 51.1599       | Mental and Social Health Services and Allied Professions, Other                            | 23                 | 17        | 73.91  | 27          | 17        | 62.96  |       |
|   |                      | 51.3801       | Registered Nursing/Registered Nurse  | 20                 | 17        | 85.00  | 25          | 22        | 88.00  |       |
|   | <b>CERT</b>          | 51.0999       | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 84                 | 60        | 71.43  | 133         | 88        | 66.17  |       |
|   |                      | 51.1009       | Phlebotomy Technician/Phlebotomist   | 2                  | 1         | 50.00  | .           | .         | .      |       |
|   |                      | 51.1501       | Substance Abuse/Addiction Counseling   | .                  | .         | .      | 7           | 3         | 42.86  |       |
|   |                      | 51.1599       | Mental and Social Health Services and Allied Professions, Other                            | 1                  | 0         | 0.00   | 1           | 0         | 0.00   |       |
|   |                      | 51.3901       | Licensed Practical/Vocational Nurse Training   | 30                 | 27        | 90.00  | 23          | 18        | 78.26  |       |
|   |                      | 51.3902       | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 1                  | 0         | 0.00   | .           | .         | .      |       |
|   | <b>CSC</b>           | 51.0707       | Health Information/Medical Records Technology/Technician                                   | 10                 | 10        | 100.00 | 17          | 14        | 82.35  |       |
|   |                      | 51.0799       | Health and Medical Administrative Services, Other  | 1                  | 1         | 100.00 | 2           | 1         | 50.00  |       |
|   |                      | 51.0911       | Radiologic Technology/Science - Radiographer   | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |                      | 51.0999       | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 5                  | 5         | 100.00 | 8           | 7         | 87.50  |       |
|   |                      | 51.1004       | Clinical/Medical Laboratory Technician   | 1                  | 1         | 100.00 | 11          | 8         | 72.73  |       |
|   | <b>Subtotal</b>      |               |  |                    | 211       | 169    | 80.09       | 273       | 189    | 69.23 |
| <b>Information Technology</b>             | <b>Degree</b>        | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | <b>AAS</b>           | 11.0101       | Computer and Information Sciences, General   | 14                 | 11        | 78.57  | 22          | 16        | 72.73  |       |
|   |                      | 15.0303       | Electrical, Electronic, and Communications Engineering Technology/Technician               | 7                  | 5         | 71.43  | 10          | 6         | 60.00  |       |
|   | <b>CSC</b>           | 11.0101       | Computer and Information Sciences, General   | 1                  | 0         | 0.00   | 1           | 0         | 0.00   |       |
|   |                      | 15.0303       | Electrical, Electronic, and Communications Engineering Technology/Technician               | 11                 | 6         | 54.55  | 9           | 5         | 55.56  |       |
|   | <b>Subtotal</b>      |               |  |                    | 33        | 22     | 66.67       | 42        | 27     | 64.29 |
| <b>Early Childhood Development</b>        | <b>Degree</b>        | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | <b>AAS</b>           | 19.0709       | Child Care Provider/Assistant  | 26                 | 20        | 76.92  | 26          | 21        | 80.77  |       |
|   | <b>CSC</b>           | 19.0709       | Child Care Provider/Assistant  | 4                  | 3         | 75.00  | 1           | 1         | 100.00 |       |
|   | <b>Subtotal</b>      |               |  |                    | 30        | 23     | 76.67       | 27        | 22     | 81.48 |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>        | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | <b>AAS</b>           | 15.0612       | Industrial Technology/Technician   | .                  | .         | .      | 6           | 4         | 66.67  |       |
|   | <b>CERT</b>          | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4                  | 3         | 75.00  | 9           | 6         | 66.67  |       |
|   |                      | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5                  | 4         | 80.00  | 5           | 5         | 100.00 |       |
|   | <b>CSC</b>           | 15.0699       | Industrial Production Technologies/Technicians, Other                                      | .                  | .         | .      | 4           | 4         | 100.00 |       |
|   |                      | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4                  | 3         | 75.00  | 5           | 3         | 60.00  |       |
|   | <b>DIPL</b>          | 48.0508       | Welding Technology/Welder  | 4                  | 4         | 100.00 | 7           | 3         | 42.86  |       |
|   | <b>Subtotal</b>      |               |  |                    | 17        | 14     | 82.35       | 36        | 25     | 69.44 |
|   | <b>Public Safety</b> | <b>Degree</b> | <b>CIP</b>   | <b>Description</b> |           |        |             |           |        |       |
|   | <b>AAS</b>           | 43.0103       | Criminal Justice/Law Enforcement Administration  | 21                 | 15        | 71.43  | 25          | 21        | 84.00  |       |
|   | <b>CERT</b>          | 43.0103       | Criminal Justice/Law Enforcement Administration  | .                  | .         | .      | 1           | 1         | 100.00 |       |
|   | <b>Subtotal</b>      |               |  |                    | 21        | 15     | 71.43       | 26        | 22     | 84.62 |
| <b>Other</b>                              | <b>Degree</b>        | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | <b>AA&amp;S</b>      | 24.0101       | Liberal Arts and Sciences/Liberal Studies  | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   | <b>Subtotal</b>      |               |  |                    | 1         | 1      | 100.00      | .         | .      | .     |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Tidewater

|   |                 |                 |  | Term        |           |        | Annual      |           |        |
|---|-----------------|-----------------|--|-------------|-----------|--------|-------------|-----------|--------|
|   |                 |                 |  | Denominator | Numerator |        | Denominator | Numerator |        |
|   |                 |                 |  | Sum         | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |                 |  | 723         | 600       | 82.99  | 1,120       | 788       | 70.36  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 01.8301         | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      |             |           |        |             |           |        |
|   |                 | 51.0707         | Health Information/Medical Records Technology/Technician                     | 9           | 9         | 100.00 | 19          | 18        | 94.74  |
|   |                 | 51.0803         | Occupational Therapist Assistant   | 16          | 15        | 93.75  | 24          | 20        | 83.33  |
|   |                 | 51.0806         | Physical Therapy Assistant   | 17          | 17        | 100.00 | 14          | 14        | 100.00 |
|   |                 | 51.0904         | Emergency Medical Technology/Technician (EMT Paramedic)                      | 29          | 25        | 86.21  | 26          | 23        | 88.46  |
|   |                 | 51.0908         | Respiratory Care Therapy/Therapist   | 15          | 10        | 66.67  | 38          | 18        | 47.37  |
|   |                 | 51.0910         | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician          | 11          | 9         | 81.82  | 9           | 9         | 100.00 |
|   |                 | 51.0911         | Radiologic Technology/Science - Radiographer                                 | 9           | 8         | 88.89  | 15          | 15        | 100.00 |
|   |                 | 51.1004         | Clinical/Medical Laboratory Technician                                       | 14          | 13        | 92.86  | 17          | 16        | 94.12  |
|   |                 | 51.1599         | Mental and Social Health Services and Allied Professions, Other              | 8           | 8         | 100.00 | 7           | 7         | 100.00 |
|   | CERT            | 51.3801         | Registered Nursing/Registered Nurse  | 50          | 37        | 74.00  | 85          | 62        | 72.94  |
|   |                 | 51.0801         | Medical/Clinical Assistant   | 39          | 32        | 82.05  | 42          | 38        | 90.48  |
|   |                 | 51.0999         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.1009         | Phlebotomy Technician/Phlebotomist   | 107         | 79        | 73.83  | 192         | 100       | 52.08  |
|   | CSC             | 01.8301         | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 1           | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.0799         | Health and Medical Administrative Services, Other                            | 1           | 1         | 100.00 | 1           | 1         | 100.00 |
|   |                 | 51.0999         | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 5           | 4         | 80.00  | 7           | 6         | 85.71  |
|   |                 | 51.3901         | Licensed Practical/Vocational Nurse Training                                 | 1           | 1         | 100.00 | 6           | 2         | 33.33  |
|   |                 | <b>Subtotal</b> |  | 31          | 26        | 83.87  | 52          | 32        | 61.54  |
|   |                 | <b>Subtotal</b> |  | 364         | 296       | 81.32  | 554         | 381       | 68.77  |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 11.0101         | Computer and Information Sciences, General                                   | 26          | 21        | 80.77  | 41          | 30        | 73.17  |
|   |                 | 11.0801         | Web Page, Digital/Multimedia and Information Resources Design                | 7           | 7         | 100.00 | 8           | 5         | 62.50  |
|   |                 | 11.1003         | Computer and Information Systems Security/Auditing/Information Assurance     | 81          | 68        | 83.95  | 137         | 102       | 74.45  |
|   | CERT            | 11.0101         | Computer and Information Sciences, General                                   | 6           | 2         | 33.33  | 13          | 6         | 46.15  |
|   |                 | 15.0303         | Electrical, Electronic, and Communications Engineering Technology/Technician | 1           | 1         | 100.00 | .           | .         | .      |
|   | CSC             | 11.0101         | Computer and Information Sciences, General                                   | 1           | 1         | 100.00 | 4           | 1         | 25.00  |
|   |                 | 11.0801         | Web Page, Digital/Multimedia and Information Resources Design                | 1           | 1         | 100.00 | 3           | 1         | 33.33  |
|   |                 | 15.0303         | Electrical, Electronic, and Communications Engineering Technology/Technician | 5           | 4         | 80.00  | 5           | 1         | 20.00  |
|   |                 | <b>Subtotal</b> |  | 128         | 105       | 82.03  | 211         | 146       | 69.19  |
| <b>Early Childhood Development</b>        | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 19.0709         | Child Care Provider/Assistant  | 47          | 41        | 87.23  | 70          | 51        | 72.86  |
|   |                 | 19.0709         | Child Care Provider/Assistant  | 1           | 1         | 100.00 | 2           | 1         | 50.00  |
|   | CSC             | 13.1501         | Teacher Assistant/Aide   | .           | .         | .      | 2           | 1         | 50.00  |
|   |                 | 19.0709         | Child Care Provider/Assistant  | .           | .         | .      | 1           | 1         | 100.00 |
|   | <b>Subtotal</b> |                 | 48   | 42          | 87.50     | 75     | 54          | 72.00     |        |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b>      | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 15.0201         | Civil Engineering Technologies/Technicians                                   | 12          | 11        | 91.67  | 12          | 9         | 75.00  |
|   |                 | 15.0613         | Manufacturing Engineering Technology/Technician                              | 2           | 2         | 100.00 | 4           | 3         | 75.00  |
|   |                 | 15.0699         | Industrial Production Technologies/Technicians, Other                        | 3           | 2         | 66.67  | 5           | 5         | 100.00 |



|               |        |          |  |     |    |        |     |     |        |
|---------------|--------|----------|--|-----|----|--------|-----|-----|--------|
|               |        | 15.0899  | Mechanical Engineering Related Technologies/Technicians, Other                             | 2   | 1  | 50.00  | 11  | 8   | 72.73  |
|               |        | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician                                      | 13  | 11 | 84.62  | 21  | 15  | 71.43  |
|               |        | 46.0302  | Electrician  | 2   | 2  | 100.00 | 5   | 1   | 20.00  |
|               |        | 47.0000  | Mechanics and Repairers, General   | 2   | 2  | 100.00 | 10  | 6   | 60.00  |
|               |        | 47.0105  | Industrial Electronics Technology/Technician   | 4   | 4  | 100.00 | 5   | 4   | 80.00  |
|               |        | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5   | 4  | 80.00  | 8   | 8   | 100.00 |
|               |        | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                                      | 42  | 36 | 85.71  | 32  | 28  | 87.50  |
|               |        | 47.0605  | Diesel Mechanics Technology/Technician   | 5   | 5  | 100.00 | 4   | 3   | 75.00  |
|               |        | 52.0499  | Business Operations Support and Secretarial Services, Other                                | .   | .  | .      | 23  | 16  | 69.57  |
|               | CERT   | 15.1302  | CAD/CADD Drafting and/or Design Technology/Technician                                      | .   | .  | .      | 1   | 1   | 100.00 |
|               |        | 46.0302  | Electrician  | 2   | 1  | 50.00  | 4   | 2   | 50.00  |
|               |        | 47.0201  | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1   | 1  | 100.00 | 1   | 1   | 100.00 |
|               |        | 48.0508  | Welding Technology/Welder  | 3   | 2  | 66.67  | 7   | 3   | 42.86  |
|               | CSC    | 15.0613  | Manufacturing Engineering Technology/Technician  | 1   | 1  | 100.00 | .   | .   | .      |
|               |        | 15.0699  | Industrial Production Technologies/Technicians, Other                                      | .   | .  | .      | 1   | 1   | 100.00 |
|               |        | 15.0899  | Mechanical Engineering Related Technologies/Technicians, Other                             | 2   | 1  | 50.00  | 1   | 1   | 100.00 |
|               |        | 46.0000  | Construction Trades, General   | .   | .  | .      | 2   | 1   | 50.00  |
|               |        | 46.0302  | Electrician  | 1   | 1  | 100.00 | 2   | 2   | 100.00 |
|               |        | 47.0603  | Autobody/Collision and Repair Technology/Technician  | 1   | 1  | 100.00 | .   | .   | .      |
|               |        | 47.0604  | Automobile/Automotive Mechanics Technology/Technician                                      | .   | .  | .      | 2   | 0   | 0.00   |
|               |        | 47.0605  | Diesel Mechanics Technology/Technician   | .   | .  | .      | 1   | 1   | 100.00 |
|               |        | 48.0508  | Welding Technology/Welder  | 1   | 1  | 100.00 | 3   | 2   | 66.67  |
|               |        | Subtotal |  | 104 | 89 | 85.58  | 165 | 121 | 73.33  |
| Public Safety | Degree | CIP      | Description  |     |    |        |     |     |        |
|               | AAS    | 43.0103  | Criminal Justice/Law Enforcement Administration  | 75  | 64 | 85.33  | 105 | 79  | 75.24  |
|               |        | 43.0203  | Fire Science/Fire-fighting   | 2   | 2  | 100.00 | 6   | 4   | 66.67  |
|               | CSC    | 43.0203  | Fire Science/Fire-fighting   | 1   | 1  | 100.00 | 1   | 0   | 0.00   |
|               |        | 43.0406  | Forensic Science and Technology  | 1   | 1  | 100.00 | 3   | 3   | 100.00 |
|               |        | Subtotal |  | 79  | 68 | 86.08  | 115 | 86  | 74.78  |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Virginia Highlands

|   |                               |               |  | Term               |           |        | Annual      |           |        |       |
|---|-------------------------------|---------------|--|--------------------|-----------|--------|-------------|-----------|--------|-------|
|   |                               |               |  | Denominator        | Numerator |        | Denominator | Numerator |        |       |
|   |                               |               |  | Sum                | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                               |               |  | 207                | 182       | 87.92  | 346         | 228       | 65.90  |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
| <b>Health Care</b>                        | AAS                           | 51.0904       | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 9                  | 9         | 100.00 | 15          | 8         | 53.33  |       |
|   |                               | 51.0911       | Radiologic Technology/Science - Radiographer   | 5                  | 5         | 100.00 | 8           | 7         | 87.50  |       |
|   |                               | 51.3801       | Registered Nursing/Registered Nurse  | 29                 | 29        | 100.00 | 64          | 53        | 82.81  |       |
|   | CERT                          | 51.0999       | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 52                 | 37        | 71.15  | 84          | 47        | 55.95  |       |
|   |                               | 51.1009       | Phlebotomy Technician/Phlebotomist   | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   |                               | 51.3901       | Licensed Practical/Vocational Nurse Training   | 2                  | 2         | 100.00 | 15          | 14        | 93.33  |       |
|   | CSC                           | 51.0707       | Health Information/Medical Records Technology/Technician                                   | 9                  | 7         | 77.78  | 17          | 6         | 35.29  |       |
|   |                               | 51.0801       | Medical/Clinical Assistant   | 12                 | 12        | 100.00 | 9           | 9         | 100.00 |       |
|   |                               | 51.0999       | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 1                  | 1         | 100.00 | .           | .         | .      |       |
|   | <b>Subtotal</b>               |               |  |                    | 120       | 103    | 85.83       | 212       | 144    | 67.92 |
|   | <b>Information Technology</b> | <b>Degree</b> | <b>CIP</b>   | <b>Description</b> |           |        |             |           |        |       |
| AAS                                       |                               | 11.0101       | Computer and Information Sciences, General   | 4                  | 3         | 75.00  | 6           | 5         | 83.33  |       |
| CSC                                       |                               | 15.0303       | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2                  | 2         | 100.00 | 11          | 3         | 27.27  |       |
| <b>Subtotal</b>                           |                               |               |  | 6                  | 5         | 83.33  | 17          | 8         | 47.06  |       |
| <b>Early Childhood Development</b>        | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | CSC                           | 19.0709       | Child Care Provider/Assistant  | .                  | .         | .      | 3           | 1         | 33.33  |       |
|   | <b>Subtotal</b>               |               |  |                    | .         | .      | .           | 3         | 1      | 33.33 |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 15.0612       | Industrial Technology/Technician   | 4                  | 3         | 75.00  | .           | .         | .      |       |
|   |                               | 46.0302       | Electrician  | 13                 | 12        | 92.31  | 16          | 12        | 75.00  |       |
|   |                               | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 16                 | 16        | 100.00 | 25          | 17        | 68.00  |       |
|   |                               | 48.0599       | Precision Metal Working, Other   | 8                  | 8         | 100.00 | 6           | 5         | 83.33  |       |
|   | CERT                          | 46.0302       | Electrician  | 1                  | 1         | 100.00 | 4           | 2         | 50.00  |       |
|   | CSC                           | 15.0699       | Industrial Production Technologies/Technicians, Other                                      | 2                  | 2         | 100.00 | .           | .         | .      |       |
|   |                               | 47.0605       | Diesel Mechanics Technology/Technician   | 11                 | 8         | 72.73  | 12          | 6         | 50.00  |       |
|   |                               | 48.0508       | Welding Technology/Welder  | 9                  | 9         | 100.00 | 22          | 17        | 77.27  |       |
|   |                               | 48.0599       | Precision Metal Working, Other   | 3                  | 2         | 66.67  | 5           | 2         | 40.00  |       |
|   | <b>Subtotal</b>               |               |  |                    | 67        | 61     | 91.04       | 90        | 61     | 67.78 |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AAS                           | 43.0103       | Criminal Justice/Law Enforcement Administration  | 12                 | 11        | 91.67  | 24          | 14        | 58.33  |       |
|   | <b>Subtotal</b>               |               |  |                    | 12        | 11     | 91.67       | 24        | 14     | 58.33 |
| <b>Other</b>                              | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |                    |           |        |             |           |        |       |
|   | AA&S                          | 24.0101       | Liberal Arts and Sciences/Liberal Studies  | 2                  | 2         | 100.00 | .           | .         | .      |       |
|   | <b>Subtotal</b>               |               |  |                    | 2         | 2      | 100.00      | .         | .      | .     |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Virginia Peninsula

|   |                 |            |  | Term        |           |        | Annual      |           |        |
|---|-----------------|------------|--|-------------|-----------|--------|-------------|-----------|--------|
|   |                 |            |  | Denominator | Numerator |        | Denominator | Numerator |        |
|   |                 |            |  | Sum         | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |            |  | 154         | 115       | 74.68  | 247         | 173       | 70.04  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.0602    | Dental Hygiene/Hygienist   | 2           | 2         | 100.00 | 6           | 6         | 100.00 |
|   |                 | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 18          | 7         | 38.89  | 20          | 12        | 60.00  |
|   |                 | 51.1599    | Mental and Social Health Services and Allied Professions, Other                            | 19          | 16        | 84.21  | 48          | 35        | 72.92  |
|   |                 | 51.3801    | Registered Nursing/Registered Nurse  | 17          | 13        | 76.47  | 10          | 10        | 100.00 |
|   | CSC             | 51.0799    | Health and Medical Administrative Services, Other  | .           | .         | .      | 2           | 2         | 100.00 |
|   |                 | 51.0904    | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2           | 1         | 50.00  | 1           | 0         | 0.00   |
|   |                 | 51.1599    | Mental and Social Health Services and Allied Professions, Other                            | 2           | 2         | 100.00 | 3           | 3         | 100.00 |
|   | <b>Subtotal</b> |            |  |             | 60        | 41     | 68.33       | 90        | 68     |
| <b>Information Technology</b>             | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 11.0101    | Computer and Information Sciences, General   | 46          | 35        | 76.09  | 57          | 38        | 66.67  |
|   |                 | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1           | 1         | 100.00 | 4           | 1         | 25.00  |
|   | CSC             | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | .           | .         | .      | 2           | 1         | 50.00  |
|   | <b>Subtotal</b> |            |  |             | 47        | 36     | 76.60       | 63        | 40     |
| <b>Early Childhood Development</b>        | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 19.0709    | Child Care Provider/Assistant  | 10          | 7         | 70.00  | 30          | 21        | 70.00  |
|   | CSC             | 19.0709    | Child Care Provider/Assistant  | 2           | 2         | 100.00 | .           | .         | .      |
|   | <b>Subtotal</b> |            |  |             | 12        | 9      | 75.00       | 30        | 21     |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 15.0612    | Industrial Technology/Technician   | 5           | 4         | 80.00  | 5           | 3         | 60.00  |
|   |                 | 15.0899    | Mechanical Engineering Related Technologies/Technicians, Other                             | 4           | 2         | 50.00  | 12          | 8         | 66.67  |
|   |                 | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                                      | 3           | 3         | 100.00 | 6           | 5         | 83.33  |
|   |                 | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                                      | 8           | 6         | 75.00  | 12          | 9         | 75.00  |
|   | CERT            | 15.1302    | CAD/CADD Drafting and/or Design Technology/Technician                                      | .           | .         | .      | 2           | 2         | 100.00 |
|   |                 | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | .           | .         | .      | 1           | 1         | 100.00 |
| <b>Subtotal</b>                           |                 |            |  | 20          | 15        | 75.00  | 38          | 28        | 73.68  |
| <b>Public Safety</b>                      | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |             |           |        |             |           |        |
|   | AAS             | 43.0103    | Criminal Justice/Law Enforcement Administration  | 12          | 11        | 91.67  | 25          | 16        | 64.00  |
|   |                 | 43.0203    | Fire Science/Fire-fighting   | 3           | 3         | 100.00 | 1           | 0         | 0.00   |
|   | <b>Subtotal</b> |            |  |             | 15        | 14     | 93.33       | 26        | 16     |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Virginia Western

|   |                 |            |  | Term   |           |        | Annual      |           |        |
|---|-----------------|------------|--|--|-----------|--------|-------------|-----------|--------|
|   |                 |            |  | Denominator                                  | Numerator |        | Denominator | Numerator |        |
|   |                 |            |  | Sum  | N         | %      | Sum         | N         | %      |
| <b>Total</b>                              |                 |            |  | 407  | 329       | 80.84  | 513         | 394       | 76.80  |
| <b>Program Area</b>                       | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>   |  |           |        |             |           |        |
| <b>Health Care</b>                        | AAS             | 51.0602    | Dental Hygiene/Hygienist   | 23   | 22        | 95.65  | 24          | 23        | 95.83  |
|   |                 | 51.0801    | Medical/Clinical Assistant   | 1  | 1         | 100.00 | .           | .         | .      |
|   |                 | 51.0806    | Physical Therapy Assistant   | 9  | 9         | 100.00 | .           | .         | .      |
|   |                 | 51.0907    | Medical Radiologic Technology/Science - Radiation Therapist                                | 16   | 15        | 93.75  | 14          | 13        | 92.86  |
|   |                 | 51.0909    | Surgical Technology/Technologist   | 7  | 6         | 85.71  | .           | .         | .      |
|   |                 | 51.0911    | Radiologic Technology/Science - Radiographer   | 14   | 12        | 85.71  | 17          | 15        | 88.24  |
|   |                 | 51.1004    | Clinical/Medical Laboratory Technician   | 8  | 7         | 87.50  | 7           | 6         | 85.71  |
|   |                 | 51.1599    | Mental and Social Health Services and Allied Professions, Other                            | 19   | 15        | 78.95  | 51          | 44        | 86.27  |
|   |                 | 51.3801    | Registered Nursing/Registered Nurse  | 27   | 25        | 92.59  | 39          | 35        | 89.74  |
|   |                 | CERT       | 51.3901  | Licensed Practical/Vocational Nurse Training | 5         | 5      | 100.00      | 16        | 16     |
|   | CSC             | 51.0602    | Dental Hygiene/Hygienist   | 24   | 16        | 66.67  | 22          | 17        | 77.27  |
|   |                 | 51.0707    | Health Information/Medical Records Technology/Technician                                   | 4  | 2         | 50.00  | 11          | 5         | 45.45  |
|   |                 | 51.0799    | Health and Medical Administrative Services, Other  | 3  | 3         | 100.00 | 5           | 5         | 100.00 |
|   |                 | 51.0801    | Medical/Clinical Assistant   | 1  | 0         | 0.00   | .           | .         | .      |
|   |                 | 51.0806    | Physical Therapy Assistant   | 7  | 6         | 85.71  | 10          | 6         | 60.00  |
|   |                 | 51.0907    | Medical Radiologic Technology/Science - Radiation Therapist                                | 2  | 2         | 100.00 | 4           | 3         | 75.00  |
|   |                 | 51.0909    | Surgical Technology/Technologist   | 6  | 4         | 66.67  | .           | .         | .      |
|   |                 | 51.0911    | Radiologic Technology/Science - Radiographer   | 12   | 10        | 83.33  | 19          | 10        | 52.63  |
|   |                 | 51.1004    | Clinical/Medical Laboratory Technician   | 9  | 7         | 77.78  | 14          | 13        | 92.86  |
|   |                 | 51.3801    | Registered Nursing/Registered Nurse  | 55   | 43        | 78.18  | 62          | 35        | 56.45  |
|   |                 | 51.3901    | Licensed Practical/Vocational Nurse Training   | 3  | 1         | 33.33  | 16          | 5         | 31.25  |
|   | <b>Subtotal</b> |            |  | 255  | 211       | 82.75  | 331         | 251       | 75.83  |
| <b>Information Technology</b>             | Degree          | CIP        | Description  |  |           |        |             |           |        |
|   | AAS             | 11.0101    | Computer and Information Sciences, General   | 51   | 37        | 72.55  | 47          | 34        | 72.34  |
|   | CSC             | 11.0101    | Computer and Information Sciences, General   | .  | .         | .      | 4           | 3         | 75.00  |
|   |                 | 11.0801    | Web Page, Digital/Multimedia and Information Resources Design                              | 1  | 1         | 100.00 | .           | .         | .      |
|   |                 | 15.0303    | Electrical, Electronic, and Communications Engineering Technology/Technician               | 5  | 3         | 60.00  | 3           | 2         | 66.67  |
|   | <b>Subtotal</b> |            |  | 57   | 41        | 71.93  | 54          | 39        | 72.22  |
| <b>Early Childhood Development</b>        | Degree          | CIP        | Description  |  |           |        |             |           |        |
|   | AAS             | 19.0709    | Child Care Provider/Assistant  | 13   | 10        | 76.92  | 18          | 16        | 88.89  |
|   | CSC             | 19.0709    | Child Care Provider/Assistant  | 1  | 0         | 0.00   | 1           | 1         | 100.00 |
|   | <b>Subtotal</b> |            |  | 14   | 10        | 71.43  | 19          | 17        | 89.47  |
| <b>Manufacturing &amp; Skilled Trades</b> | Degree          | CIP        | Description  |  |           |        |             |           |        |
|   | AAS             | 15.0612    | Industrial Technology/Technician   | 1  | 1         | 100.00 | 1           | 1         | 100.00 |
|   |                 | 15.0613    | Manufacturing Engineering Technology/Technician  | 24   | 20        | 83.33  | 28          | 22        | 78.57  |
|   |                 | 52.0299    | Business Administration, Management and Operations, Other                                  | 1  | 1         | 100.00 | .           | .         | .      |
|   |                 | 52.0499    | Business Operations Support and Secretarial Services, Other                                | 16   | 12        | 75.00  | 15          | 15        | 100.00 |
|   | AS              | 52.0201    | Business Administration and Management, General  | 1  | 1         | 100.00 | .           | .         | .      |
|   | CSC             | 46.0000    | Construction Trades, General   | 2  | 2         | 100.00 | 3           | 2         | 66.67  |
|   |                 | 46.0302    | Electrician  | 4  | 3         | 75.00  | 8           | 6         | 75.00  |
|   |                 | 47.0201    | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5  | 4         | 80.00  | 14          | 10        | 71.43  |
|   |                 | 47.0604    | Automobile/Automotive Mechanics Technology/Technician                                      | 1  | 1         | 100.00 | 8           | 5         | 62.50  |
|   |                 | 48.0508    | Welding Technology/Welder  | 9  | 7         | 77.78  | 11          | 9         | 81.82  |

|                      |                 |            |   |    |    |        |    |    |       |
|----------------------|-----------------|------------|---|----|----|--------|----|----|-------|
|                      | <b>Subtotal</b> |            |   | 64 | 52 | 81.25  | 88 | 70 | 79.55 |
| <b>Public Safety</b> | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>                              |    |    |        |    |    |       |
|                      | AAS             | 43.0103    | Criminal Justice/Law Enforcement Administration |    |    |        |    |    |       |
|                      |                 |            |   | 15 | 13 | 86.67  | 21 | 17 | 80.95 |
|                      | <b>Subtotal</b> |            |   | 15 | 13 | 86.67  | 21 | 17 | 80.95 |
| <b>Other</b>         | <b>Degree</b>   | <b>CIP</b> | <b>Description</b>                              |    |    |        |    |    |       |
|                      | AS              | 30.0101    | Biological and Physical Sciences                | 2  | 2  | 100.00 | .  | .  | .     |
|                      |                 |            |   |    |    |        |    |    |       |
|                      | <b>Subtotal</b> |            |   | 2  | 2  | 100.00 | .  | .  | .     |

**Appendix 8: AY 2023 G3 retention rates by area of study by college**

COLLEGE=Wytheville

|   |                               |               |  | Term                                       |           |        | Annual      |           |        |       |
|---|-------------------------------|---------------|--|--|-----------|--------|-------------|-----------|--------|-------|
|   |                               |               |  | Denominator                                | Numerator |        | Denominator | Numerator |        |       |
|   |                               |               |  | Sum  | N         | %      | Sum         | N         | %      |       |
| <b>Total</b>                              |                               |               |  | 170  | 153       | 90.00  | 205         | 165       | 80.49  |       |
| <b>Program Area</b>                       | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
| <b>Health Care</b>                        | AAS                           | 51.0602       | Dental Hygiene/Hygienist   | 17   | 16        | 94.12  | 21          | 17        | 80.95  |       |
|   |                               | 51.0806       | Physical Therapy Assistant   | 8  | 8         | 100.00 | 15          | 14        | 93.33  |       |
|   |                               | 51.1004       | Clinical/Medical Laboratory Technician   | 4  | 4         | 100.00 | 5           | 5         | 100.00 |       |
|   |                               | 51.3801       | Registered Nursing/Registered Nurse  | 17   | 14        | 82.35  | 31          | 24        | 77.42  |       |
|   | CERT                          | 51.0799       | Health and Medical Administrative Services, Other  | 1  | 1         | 100.00 | .           | .         | .      |       |
|   |                               | 51.3901       | Licensed Practical/Vocational Nurse Training   | 7  | 7         | 100.00 | 18          | 14        | 77.78  |       |
|   | CSC                           | 51.0707       | Health Information/Medical Records Technology/Technician                                   | 6  | 6         | 100.00 | 7           | 4         | 57.14  |       |
|   |                               | 51.0799       | Health and Medical Administrative Services, Other  | .  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 51.0805       | Pharmacy Technician/Assistant  | 11   | 9         | 81.82  | 4           | 3         | 75.00  |       |
|   |                               | 51.1004       | Clinical/Medical Laboratory Technician   | 3  | 3         | 100.00 | 5           | 4         | 80.00  |       |
|   | <b>Subtotal</b>               |               |  |  | 74        | 68     | 91.89       | 107       | 86     | 80.37 |
|   | <b>Information Technology</b> | <b>Degree</b> | <b>CIP</b>   | <b>Description</b>                         |           |        |             |           |        |       |
|   |                               | AAS           | 11.0101  | Computer and Information Sciences, General | 17        | 15     | 88.24       | 22        | 16     | 72.73 |
| CSC                                       |                               | 15.0303       | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1  | 1         | 100.00 | .           | .         | .      |       |
| <b>Subtotal</b>                           |                               |               |  | 18   | 16        | 88.89  | 22          | 16        | 72.73  |       |
| <b>Manufacturing &amp; Skilled Trades</b> | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
|   | AAS                           | 15.0612       | Industrial Technology/Technician   | 16   | 14        | 87.50  | 10          | 9         | 90.00  |       |
|   |                               | 47.0604       | Automobile/Automotive Mechanics Technology/Technician                                      | 1  | 1         | 100.00 | .           | .         | .      |       |
|   |                               | 48.0599       | Precision Metal Working, Other   | 16   | 15        | 93.75  | 12          | 10        | 83.33  |       |
|   | CERT                          | 48.0599       | Precision Metal Working, Other   | .  | .         | .      | 1           | 1         | 100.00 |       |
|   |                               | 52.0499       | Business Operations Support and Secretarial Services, Other                                | .  | .         | .      | 2           | 1         | 50.00  |       |
|   | CSC                           | 46.0302       | Electrician  | 1  | 1         | 100.00 | 1           | 1         | 100.00 |       |
|   |                               | 47.0201       | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | .  | .         | .      | 2           | 2         | 100.00 |       |
|   |                               | 48.0508       | Welding Technology/Welder  | 6  | 6         | 100.00 | 2           | 0         | 0.00   |       |
|   | DIPL                          | 46.0000       | Construction Trades, General   | 17   | 15        | 88.24  | 16          | 15        | 93.75  |       |
| <b>Subtotal</b>                           |                               |               |  | 57   | 52        | 91.23  | 46          | 39        | 84.78  |       |
| <b>Public Safety</b>                      | <b>Degree</b>                 | <b>CIP</b>    | <b>Description</b>   |  |           |        |             |           |        |       |
|   | AAS                           | 43.0102       | Corrections  | 1  | 1         | 100.00 | 2           | 2         | 100.00 |       |
|   |                               | 43.0103       | Criminal Justice/Law Enforcement Administration  | 20   | 16        | 80.00  | 27          | 22        | 81.48  |       |
|   | CSC                           | 43.0103       | Criminal Justice/Law Enforcement Administration  | .  | .         | .      | 1           | 0         | 0.00   |       |
|   | <b>Subtotal</b>               |               |  |  | 21        | 17     | 80.95       | 30        | 24     | 80.00 |

**Appendix 9: AY 2023 G3 retention rates by income level by college**

|                             |                 | Term         |              |              | Annual       |              |              |
|-----------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                             |                 | Denominator  | Numerator    |              | Denominator  | Numerator    |              |
|                             |                 | Sum          | N            | %            | Sum          | N            | %            |
| <b>VCCS</b>                 | < 100% FPL      | 1,710        | 1,411        | 82.51        | 2,490        | 1,851        | 74.34        |
|                             | 100% - 199% FPL | 1,414        | 1,173        | 82.96        | 2,078        | 1,560        | 75.07        |
|                             | 200% - 299% FPL | 1,639        | 1,368        | 83.47        | 2,144        | 1,597        | 74.49        |
|                             | 300% - 399% FPL | 1,259        | 1,077        | 85.54        | 1,562        | 1,196        | 76.57        |
|                             | <b>Total</b>    | <b>6,022</b> | <b>5,029</b> | <b>83.51</b> | <b>8,274</b> | <b>6,204</b> | <b>74.98</b> |
| <b>Blue Ridge</b>           | < 100% FPL      | 37           | 31           | 83.78        | 42           | 26           | 61.90        |
|                             | 100% - 199% FPL | 31           | 26           | 83.87        | 60           | 50           | 83.33        |
|                             | 200% - 299% FPL | 71           | 61           | 85.92        | 88           | 54           | 61.36        |
|                             | 300% - 399% FPL | 59           | 53           | 89.83        | 61           | 49           | 80.33        |
|                             | <b>Total</b>    | <b>198</b>   | <b>171</b>   | <b>86.36</b> | <b>251</b>   | <b>179</b>   | <b>71.31</b> |
| <b>Brightpoint</b>          | < 100% FPL      | 94           | 75           | 79.79        | 119          | 86           | 72.27        |
|                             | 100% - 199% FPL | 72           | 57           | 79.17        | 85           | 61           | 71.76        |
|                             | 200% - 299% FPL | 109          | 85           | 77.98        | 138          | 105          | 76.09        |
|                             | 300% - 399% FPL | 97           | 89           | 91.75        | 98           | 72           | 73.47        |
|                             | <b>Total</b>    | <b>372</b>   | <b>306</b>   | <b>82.26</b> | <b>440</b>   | <b>324</b>   | <b>73.64</b> |
| <b>Central Virginia</b>     | < 100% FPL      | 43           | 39           | 90.70        | 52           | 37           | 71.15        |
|                             | 100% - 199% FPL | 32           | 29           | 90.63        | 48           | 38           | 79.17        |
|                             | 200% - 299% FPL | 52           | 39           | 75.00        | 44           | 30           | 68.18        |
|                             | 300% - 399% FPL | 36           | 29           | 80.56        | 37           | 29           | 78.38        |
|                             | <b>Total</b>    | <b>163</b>   | <b>136</b>   | <b>83.44</b> | <b>181</b>   | <b>134</b>   | <b>74.03</b> |
| <b>Danville</b>             | < 100% FPL      | 90           | 73           | 81.11        | 108          | 85           | 78.70        |
|                             | 100% - 199% FPL | 52           | 41           | 78.85        | 67           | 55           | 82.09        |
|                             | 200% - 299% FPL | 45           | 35           | 77.78        | 52           | 43           | 82.69        |
|                             | 300% - 399% FPL | 28           | 23           | 82.14        | 50           | 44           | 88.00        |
|                             | <b>Total</b>    | <b>215</b>   | <b>172</b>   | <b>80.00</b> | <b>277</b>   | <b>227</b>   | <b>81.95</b> |
| <b>Eastern Shore</b>        | < 100% FPL      | 15           | 14           | 93.33        | 20           | 18           | 90.00        |
|                             | 100% - 199% FPL | 5            | 4            | 80.00        | 21           | 16           | 76.19        |
|                             | 200% - 299% FPL | 7            | 6            | 85.71        | 6            | 5            | 83.33        |
|                             | 300% - 399% FPL | 4            | 2            | 50.00        | 4            | 3            | 75.00        |
|                             | <b>Total</b>    | <b>31</b>    | <b>26</b>    | <b>83.87</b> | <b>51</b>    | <b>42</b>    | <b>82.35</b> |
| <b>Germanna</b>             | < 100% FPL      | 70           | 55           | 78.57        | 95           | 67           | 70.53        |
|                             | 100% - 199% FPL | 75           | 63           | 84.00        | 126          | 87           | 69.05        |
|                             | 200% - 299% FPL | 102          | 89           | 87.25        | 132          | 98           | 74.24        |
|                             | 300% - 399% FPL | 81           | 69           | 85.19        | 100          | 74           | 74.00        |
|                             | <b>Total</b>    | <b>328</b>   | <b>276</b>   | <b>84.15</b> | <b>453</b>   | <b>326</b>   | <b>71.96</b> |
| <b>J. Sargeant Reynolds</b> | < 100% FPL      | 89           | 73           | 82.02        | 148          | 99           | 66.89        |
|                             | 100% - 199% FPL | 94           | 79           | 84.04        | 139          | 97           | 69.78        |
|                             | 200% - 299% FPL | 90           | 73           | 81.11        | 159          | 121          | 76.10        |
|                             | 300% - 399% FPL | 53           | 46           | 86.79        | 94           | 65           | 69.15        |
|                             | <b>Total</b>    | <b>326</b>   | <b>271</b>   | <b>83.13</b> | <b>540</b>   | <b>382</b>   | <b>70.74</b> |
| <b>Laurel Ridge</b>         | < 100% FPL      | 16           | 14           | 87.50        | 29           | 23           | 79.31        |
|                             | 100% - 199% FPL | 23           | 19           | 82.61        | 45           | 38           | 84.44        |
|                             | 200% - 299% FPL | 33           | 30           | 90.91        | 51           | 41           | 80.39        |
|                             | 300% - 399% FPL | 25           | 23           | 92.00        | 45           | 32           | 71.11        |
|                             | <b>Total</b>    | <b>97</b>    | <b>86</b>    | <b>88.66</b> | <b>170</b>   | <b>134</b>   | <b>78.82</b> |
| <b>Mountain Empire</b>      | < 100% FPL      | 124          | 104          | 83.87        | 189          | 148          | 78.31        |
|                             | 100% - 199% FPL | 63           | 50           | 79.37        | 99           | 70           | 70.71        |

|                            |                        |       |     |        |       |       |       |
|----------------------------|------------------------|-------|-----|--------|-------|-------|-------|
|                            | <b>200% - 299% FPL</b> | 47    | 37  | 78.72  | 67    | 51    | 76.12 |
|                            | <b>300% - 399% FPL</b> | 46    | 34  | 73.91  | 61    | 50    | 81.97 |
|                            | <b>Total</b>           | 280   | 225 | 80.36  | 416   | 319   | 76.68 |
| <b>Mountain Gateway</b>    | <b>&lt; 100% FPL</b>   | 13    | 13  | 100.00 | 34    | 22    | 64.71 |
|                            | <b>100% - 199% FPL</b> | 16    | 14  | 87.50  | 26    | 17    | 65.38 |
|                            | <b>200% - 299% FPL</b> | 20    | 19  | 95.00  | 25    | 20    | 80.00 |
|                            | <b>300% - 399% FPL</b> | 14    | 12  | 85.71  | 13    | 10    | 76.92 |
|                            | <b>Total</b>           | 63    | 58  | 92.06  | 98    | 69    | 70.41 |
| <b>New River</b>           | <b>&lt; 100% FPL</b>   | 49    | 41  | 83.67  | 93    | 70    | 75.27 |
|                            | <b>100% - 199% FPL</b> | 59    | 45  | 76.27  | 72    | 56    | 77.78 |
|                            | <b>200% - 299% FPL</b> | 80    | 68  | 85.00  | 98    | 74    | 75.51 |
|                            | <b>300% - 399% FPL</b> | 82    | 74  | 90.24  | 75    | 57    | 76.00 |
|                            | <b>Total</b>           | 270   | 228 | 84.44  | 338   | 257   | 76.04 |
| <b>Northern Virginia</b>   | <b>&lt; 100% FPL</b>   | 287   | 253 | 88.15  | 402   | 336   | 83.58 |
|                            | <b>100% - 199% FPL</b> | 265   | 234 | 88.30  | 416   | 342   | 82.21 |
|                            | <b>200% - 299% FPL</b> | 330   | 288 | 87.27  | 368   | 304   | 82.61 |
|                            | <b>300% - 399% FPL</b> | 217   | 188 | 86.64  | 248   | 194   | 78.23 |
|                            | <b>Total</b>           | 1,099 | 963 | 87.63  | 1,434 | 1,176 | 82.01 |
| <b>Patrick &amp; Henry</b> | <b>&lt; 100% FPL</b>   | 45    | 39  | 86.67  | 86    | 69    | 80.23 |
|                            | <b>100% - 199% FPL</b> | 36    | 33  | 91.67  | 53    | 45    | 84.91 |
|                            | <b>200% - 299% FPL</b> | 51    | 44  | 86.27  | 57    | 44    | 77.19 |
|                            | <b>300% - 399% FPL</b> | 36    | 31  | 86.11  | 42    | 32    | 76.19 |
|                            | <b>Total</b>           | 168   | 147 | 87.50  | 238   | 190   | 79.83 |
| <b>Paul D. Camp</b>        | <b>&lt; 100% FPL</b>   | 24    | 15  | 62.50  | 26    | 17    | 65.38 |
|                            | <b>100% - 199% FPL</b> | 10    | 8   | 80.00  | 17    | 11    | 64.71 |
|                            | <b>200% - 299% FPL</b> | 17    | 15  | 88.24  | 12    | 10    | 83.33 |
|                            | <b>300% - 399% FPL</b> | 10    | 8   | 80.00  | 30    | 20    | 66.67 |
|                            | <b>Total</b>           | 61    | 46  | 75.41  | 85    | 58    | 68.24 |
| <b>Piedmont Virginia</b>   | <b>&lt; 100% FPL</b>   | 13    | 12  | 92.31  | 30    | 23    | 76.67 |
|                            | <b>100% - 199% FPL</b> | 33    | 26  | 78.79  | 41    | 31    | 75.61 |
|                            | <b>200% - 299% FPL</b> | 56    | 46  | 82.14  | 60    | 46    | 76.67 |
|                            | <b>300% - 399% FPL</b> | 51    | 43  | 84.31  | 50    | 41    | 82.00 |
|                            | <b>Total</b>           | 153   | 127 | 83.01  | 181   | 141   | 77.90 |
| <b>Rappahannock</b>        | <b>&lt; 100% FPL</b>   | 14    | 12  | 85.71  | 17    | 15    | 88.24 |
|                            | <b>100% - 199% FPL</b> | 23    | 22  | 95.65  | 28    | 23    | 82.14 |
|                            | <b>200% - 299% FPL</b> | 26    | 20  | 76.92  | 31    | 24    | 77.42 |
|                            | <b>300% - 399% FPL</b> | 10    | 6   | 60.00  | 24    | 18    | 75.00 |
|                            | <b>Total</b>           | 73    | 60  | 82.19  | 100   | 80    | 80.00 |
| <b>Southside Virginia</b>  | <b>&lt; 100% FPL</b>   | 53    | 43  | 81.13  | 64    | 54    | 84.38 |
|                            | <b>100% - 199% FPL</b> | 41    | 31  | 75.61  | 41    | 29    | 70.73 |
|                            | <b>200% - 299% FPL</b> | 30    | 18  | 60.00  | 44    | 24    | 54.55 |
|                            | <b>300% - 399% FPL</b> | 27    | 16  | 59.26  | 36    | 25    | 69.44 |
|                            | <b>Total</b>           | 151   | 108 | 71.52  | 185   | 132   | 71.35 |
| <b>Southwest Virginia</b>  | <b>&lt; 100% FPL</b>   | 126   | 93  | 73.81  | 176   | 121   | 68.75 |
|                            | <b>100% - 199% FPL</b> | 68    | 49  | 72.06  | 78    | 52    | 66.67 |
|                            | <b>200% - 299% FPL</b> | 57    | 46  | 80.70  | 76    | 56    | 73.68 |
|                            | <b>300% - 399% FPL</b> | 62    | 56  | 90.32  | 74    | 56    | 75.68 |
|                            | <b>Total</b>           | 313   | 244 | 77.96  | 404   | 285   | 70.54 |
| <b>Tidewater</b>           | <b>&lt; 100% FPL</b>   | 236   | 183 | 77.54  | 363   | 251   | 69.15 |
|                            | <b>100% - 199% FPL</b> | 193   | 165 | 85.49  | 301   | 220   | 73.09 |
|                            | <b>200% - 299% FPL</b> | 172   | 148 | 86.05  | 297   | 197   | 66.33 |
|                            | <b>300% - 399% FPL</b> | 122   | 104 | 85.25  | 159   | 120   | 75.47 |



|                           |                        |     |     |       |       |     |       |
|---------------------------|------------------------|-----|-----|-------|-------|-----|-------|
|                           | <b>Total</b>           | 723 | 600 | 82.99 | 1,120 | 788 | 70.36 |
| <b>Virginia Highlands</b> | <b>&lt; 100% FPL</b>   | 73  | 64  | 87.67 | 117   | 74  | 63.25 |
|                           | <b>100% - 199% FPL</b> | 37  | 28  | 75.68 | 82    | 49  | 59.76 |
|                           | <b>200% - 299% FPL</b> | 48  | 45  | 93.75 | 88    | 56  | 63.64 |
|                           | <b>300% - 399% FPL</b> | 49  | 45  | 91.84 | 59    | 49  | 83.05 |
|                           | <b>Total</b>           | 207 | 182 | 87.92 | 346   | 228 | 65.90 |
| <b>Virginia Peninsula</b> | <b>&lt; 100% FPL</b>   | 50  | 36  | 72.00 | 78    | 52  | 66.67 |
|                           | <b>100% - 199% FPL</b> | 39  | 28  | 71.79 | 59    | 39  | 66.10 |
|                           | <b>200% - 299% FPL</b> | 42  | 32  | 76.19 | 65    | 50  | 76.92 |
|                           | <b>300% - 399% FPL</b> | 23  | 19  | 82.61 | 45    | 32  | 71.11 |
|                           | <b>Total</b>           | 154 | 115 | 74.68 | 247   | 173 | 70.04 |
| <b>Virginia Western</b>   | <b>&lt; 100% FPL</b>   | 113 | 95  | 84.07 | 157   | 123 | 78.34 |
|                           | <b>100% - 199% FPL</b> | 104 | 81  | 77.88 | 122   | 95  | 77.87 |
|                           | <b>200% - 299% FPL</b> | 100 | 78  | 78.00 | 132   | 98  | 74.24 |
|                           | <b>300% - 399% FPL</b> | 90  | 75  | 83.33 | 103   | 79  | 76.70 |
|                           | <b>Total</b>           | 407 | 329 | 80.84 | 514   | 395 | 76.85 |
| <b>Wytheville</b>         | <b>&lt; 100% FPL</b>   | 36  | 34  | 94.44 | 45    | 35  | 77.78 |
|                           | <b>100% - 199% FPL</b> | 43  | 41  | 95.35 | 52    | 39  | 75.00 |
|                           | <b>200% - 299% FPL</b> | 54  | 46  | 85.19 | 54    | 46  | 85.19 |
|                           | <b>300% - 399% FPL</b> | 37  | 32  | 86.49 | 54    | 45  | 83.33 |
|                           | <b>Total</b>           | 170 | 153 | 90.00 | 205   | 165 | 80.49 |

**Appendix 10: Pre- and Post-Wages of G3 Credit Students**

|                        |                        |   | # Students | Pre-Enrollment Wages | # Students | Post-Completion Wages |
|------------------------|------------------------|---|------------|----------------------|------------|-----------------------|
|                        |                        |   | Sum        | Median               | Sum        | Median                |
| <b>VCCS</b>            | <b>Completers</b>      | <b>Total</b>                              | 888        | \$19,216             | 1,138      | \$37,498              |
|                        |                        | <b>Area of Study</b>                      |            |                      |            |                       |
|                        |                        | <b>Health Care</b>                        | 429        | \$19,360             | 577        | \$44,972              |
|                        |                        | <b>Information Technology</b>             | 155        | \$21,968             | 177        | \$33,888              |
|                        |                        | <b>Early Childhood Development</b>        | 63         | \$23,340             | 79         | \$27,704              |
|                        |                        | <b>Manufacturing &amp; Skilled Trades</b> | 190        | \$16,958             | 248        | \$37,040              |
|                        |                        | <b>Public Safety</b>                      | 51         | \$17,980             | 57         | \$31,820              |
|                        |                        | <b>Income Level</b>                       |            |                      |            |                       |
|                        |                        | <b>&lt; 100% FPL</b>                      | 215        | \$14,296             | 290        | \$29,718              |
|                        |                        | <b>100% - 199% FPL</b>                    | 246        | \$20,952             | 295        | \$36,072              |
|                        | <b>200% - 299% FPL</b> | 267                                       | \$23,160   | 324                  | \$43,594   |                       |
|                        | <b>300% - 399% FPL</b> | 160                                       | \$22,838   | 229                  | \$47,676   |                       |
|                        | <b>Non-Completers</b>  | <b>Total</b>                              | 2,120      | \$18,648             | 2,547      | \$26,352              |
|                        |                        | <b>Area of Study</b>                      |            |                      |            |                       |
|                        |                        | <b>Health Care</b>                        | 1,046      | \$19,388             | 1,211      | \$25,680              |
|                        |                        | <b>Information Technology</b>             | 487        | \$20,852             | 608        | \$27,774              |
|                        |                        | <b>Early Childhood Development</b>        | 125        | \$16,300             | 146        | \$23,956              |
|                        |                        | <b>Manufacturing &amp; Skilled Trades</b> | 326        | \$15,258             | 412        | \$29,222              |
|                        |                        | <b>Public Safety</b>                      | 136        | \$18,378             | 170        | \$24,412              |
|                        |                        | <b>Income Level</b>                       |            |                      |            |                       |
| <b>&lt; 100% FPL</b>   |                        | 580                                       | \$13,222   | 753                  | \$21,896   |                       |
| <b>100% - 199% FPL</b> |                        | 585                                       | \$22,780   | 668                  | \$27,582   |                       |
| <b>200% - 299% FPL</b> | 577                    | \$22,996                                  | 683        | \$30,236             |            |                       |
| <b>300% - 399% FPL</b> | 378                    | \$17,734                                  | 443        | \$27,812             |            |                       |
| <b>Blue Ridge</b>      | <b>Completers</b>      | <b>Total</b>                              | 28         | \$15,000             | 40         | \$42,264              |
|                        |                        | <b>Area of Study</b>                      |            |                      |            |                       |
|                        |                        | <b>Health Care</b>                        | 17         | \$16,180             | 24         | \$49,912              |
|                        |                        | <b>Information Technology</b>             | 3          | <10                  | 4          | <10                   |
|                        |                        | <b>Manufacturing &amp; Skilled Trades</b> | 7          | <10                  | 10         | \$35,090              |
|                        |                        | <b>Public Safety</b>                      | 1          | <10                  | 2          | <10                   |
|                        |                        | <b>Income Level</b>                       |            |                      |            |                       |
|                        |                        | <b>&lt; 100% FPL</b>                      | 4          | <10                  | 6          | <10                   |
|                        |                        | <b>100% - 199% FPL</b>                    | 7          | <10                  | 9          | <10                   |
|                        |                        | <b>200% - 299% FPL</b>                    | 9          | <10                  | 12         | \$65,620              |
|                        | <b>300% - 399% FPL</b> | 8   | <10        | 13                   | \$40,896   |                       |
|                        | <b>Non-Completers</b>  | <b>Total</b>                              | 70         | \$23,448             | 88         | \$30,420              |
|                        |                        | <b>Area of Study</b>                      |            |                      |            |                       |
|                        |                        | <b>Health Care</b>                        | 42         | \$21,660             | 52         | \$30,050              |
|                        |                        | <b>Information Technology</b>             | 9          | <10                  | 13         | \$24,512              |
|                        |                        | <b>Early Childhood Development</b>        | 4          | <10                  | 6          | <10                   |
|                        |                        | <b>Manufacturing &amp; Skilled Trades</b> | 11         | \$27,508             | 13         | \$31,416              |
|                        |                        | <b>Public Safety</b>                      | 4          | <10                  | 4          | <10                   |
|                        |                        | <b>Income Level</b>                       |            |                      |            |                       |
|                        |                        | <b>&lt; 100% FPL</b>                      | 14         | \$12,768             | 16         | \$19,414              |
| <b>100% - 199% FPL</b> |                        | 16  | \$22,832   | 20                   | \$30,022   |                       |
| <b>200% - 299% FPL</b> | 28                     | \$25,428                                  | 34         | \$30,750             |            |                       |
| <b>300% - 399% FPL</b> | 12                     | \$36,506                                  | 18         | \$38,678             |            |                       |
| <b>Brightpoint</b>     | <b>Completers</b>      | <b>Total</b>                              | 34         | \$19,012             | 41         | \$46,248              |
|                        |                        | <b>Area of Study</b>                      |            |                      |            |                       |
|                        |                        | <b>Health Care</b>                        | 17         | \$21,520             | 19         | \$56,620              |
|                        |                        | <b>Information Technology</b>             | 4          | <10                  | 6          | <10                   |
|                        |                        | <b>Early Childhood Development</b>        | 4          | <10                  | 4          | <10                   |
|                        |                        | <b>Manufacturing &amp; Skilled Trades</b> | 4          | <10                  | 8          | <10                   |
|                        |                        | <b>Public Safety</b>                      | 5          | <10                  | 4          | <10                   |
|                        |                        | <b>Income Level</b>                       |            |                      |            |                       |
|                        |                        | <b>&lt; 100% FPL</b>                      | 8          | <10                  | 9          | <10                   |
|                        |                        | <b>100% - 199% FPL</b>                    | 5          | <10                  | 5          | <10                   |
|                        | <b>200% - 299% FPL</b> | 17  | \$18,236   | 20                   | \$55,590   |                       |
|                        | <b>300% - 399% FPL</b> | 4   | <10        | 7                    | <10        |                       |
|                        | <b>Non-Completers</b>  | <b>Total</b>                              | 134        | \$22,266             | 164        | \$26,332              |
|                        |                        | <b>Area of Study</b>                      |            |                      |            |                       |
|                        |                        | <b>Health Care</b>                        | 79         | \$23,196             | 94         | \$24,430              |
|                        |                        | <b>Information Technology</b>             | 29         | \$29,492             | 36         | \$33,826              |
|                        |                        | <b>Early Childhood Development</b>        | 7          | <10                  | 6          | <10                   |
|                        |                        | <b>Manufacturing &amp; Skilled Trades</b> | 14         | \$20,228             | 20         | \$31,586              |
|                        |                        | <b>Public Safety</b>                      | 5          | <10                  | 8          | <10                   |
|                        |                        | <b>Income Level</b>                       |            |                      |            |                       |
| <b>&lt; 100% FPL</b>   |                        | 29  | \$11,728   | 39                   | \$22,380   |                       |
| <b>100% - 199% FPL</b> |                        | 32  | \$30,542   | 39                   | \$23,848   |                       |
| <b>200% - 299% FPL</b> | 37                     | \$26,012                                  | 46         | \$34,362             |            |                       |
| <b>300% - 399% FPL</b> | 36                     | \$21,296                                  | 40         | \$25,948             |            |                       |

|                  |                 |                                |          |          |          |          |
|------------------|-----------------|--------------------------------|----------|----------|----------|----------|
| Central Virginia | Completers      | Total                          | 21       | \$18,008 | 31       | \$33,628 |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Health Care                    | 12       | \$21,546 | 17       | \$31,824 |
|                  |                 | Information Technology         | 2        | <10      | 3        | <10      |
|                  |                 | Manufacturing & Skilled Trades | 5        | <10      | 9        | <10      |
|                  |                 | Public Safety                  | 2        | <10      | 2        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
|                  |                 | < 100% FPL                     | 5        | <10      | 5        | <10      |
|                  |                 | 100% - 199% FPL                | 10       | \$16,364 | 11       | \$40,672 |
|                  |                 | 200% - 299% FPL                | 3        | <10      | 9        | <10      |
|                  | 300% - 399% FPL | 3                              | <10      | 6        | <10      |          |
|                  | Non-Completers  | Total                          | 61       | \$19,504 | 76       | \$30,876 |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Health Care                    | 21       | \$19,156 | 25       | \$27,848 |
|                  |                 | Information Technology         | 13       | \$19,012 | 17       | \$29,308 |
|                  |                 | Manufacturing & Skilled Trades | 20       | \$20,438 | 26       | \$34,020 |
|                  |                 | Public Safety                  | 7        | <10      | 8        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
|                  |                 | < 100% FPL                     | 17       | \$19,504 | 23       | \$28,652 |
|                  |                 | 100% - 199% FPL                | 22       | \$25,172 | 24       | \$27,018 |
| 200% - 299% FPL  |                 | 13                             | \$23,756 | 17       | \$39,252 |          |
| 300% - 399% FPL  | 9               | <10                            | 12       | \$22,128 |          |          |
| Danville         | Completers      | Total                          | 41       | \$15,104 | 56       | \$28,398 |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Health Care                    | 8        | <10      | 14       | \$25,014 |
|                  |                 | Information Technology         | 1        | <10      | 4        | <10      |
|                  |                 | Early Childhood Development    | .        | .        | 1        | <10      |
|                  |                 | Manufacturing & Skilled Trades | 32       | \$15,494 | 36       | \$32,468 |
|                  |                 | Public Safety                  | .        | .        | 1        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
|                  |                 | < 100% FPL                     | 8        | <10      | 18       | \$23,752 |
|                  |                 | 100% - 199% FPL                | 14       | \$16,110 | 15       | \$26,656 |
|                  | 200% - 299% FPL | 11                             | \$15,104 | 11       | \$33,236 |          |
|                  | 300% - 399% FPL | 8                              | <10      | 12       | \$39,276 |          |
|                  | Non-Completers  | Total                          | 41       | \$12,520 | 49       | \$21,468 |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Health Care                    | 7        | <10      | 7        | <10      |
|                  |                 | Information Technology         | 5        | <10      | 5        | <10      |
|                  |                 | Early Childhood Development    | 9        | <10      | 12       | \$19,108 |
|                  |                 | Manufacturing & Skilled Trades | 17       | \$13,912 | 20       | \$31,334 |
|                  |                 | Public Safety                  | 3        | <10      | 5        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
| < 100% FPL       |                 | 18                             | \$8,584  | 22       | \$19,726 |          |
| 100% - 199% FPL  |                 | 7                              | <10      | 9        | <10      |          |
| 200% - 299% FPL  | 7               | <10                            | 8        | <10      |          |          |
| 300% - 399% FPL  | 9               | <10                            | 10       | \$15,380 |          |          |
| Eastern Shore    | Completers      | Total                          | 9        | <10      | 8        | <10      |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Information Technology         | 4        | <10      | 2        | <10      |
|                  |                 | Early Childhood Development    | 2        | <10      | 2        | <10      |
|                  |                 | Manufacturing & Skilled Trades | 3        | <10      | 4        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
|                  |                 | < 100% FPL                     | 2        | <10      | 1        | <10      |
|                  |                 | 100% - 199% FPL                | 3        | <10      | 3        | <10      |
|                  |                 | 200% - 299% FPL                | 3        | <10      | 3        | <10      |
|                  |                 | 300% - 399% FPL                | 1        | <10      | 1        | <10      |
|                  | Non-Completers  | Total                          | 20       | \$25,050 | 20       | \$33,074 |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Health Care                    | 12       | \$22,560 | 12       | \$31,756 |
|                  |                 | Information Technology         | 2        | <10      | 2        | <10      |
|                  |                 | Early Childhood Development    | 1        | <10      | 2        | <10      |
|                  |                 | Manufacturing & Skilled Trades | 5        | <10      | 4        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
|                  |                 | < 100% FPL                     | 6        | <10      | 8        | <10      |
|                  |                 | 100% - 199% FPL                | 12       | \$21,308 | 10       | \$32,082 |
|                  |                 | 200% - 299% FPL                | 1        | <10      | 1        | <10      |
| 300% - 399% FPL  | 1               | <10                            | 1        | <10      |          |          |
| Germanna         | Completers      | Total                          | 42       | \$17,594 | 52       | \$57,296 |
|                  |                 | Area of Study                  |          |          |          |          |
|                  |                 | Health Care                    | 27       | \$13,432 | 35       | \$61,400 |
|                  |                 | Information Technology         | 10       | \$21,440 | 12       | \$30,198 |
|                  |                 | Early Childhood Development    | 2        | <10      | 1        | <10      |
|                  |                 | Manufacturing & Skilled Trades | .        | .        | 1        | <10      |
|                  |                 | Public Safety                  | 3        | <10      | 3        | <10      |
|                  |                 | Income Level                   |          |          |          |          |
|                  |                 | < 100% FPL                     | 10       | \$10,034 | 15       | \$56,068 |
|                  |                 | 100% - 199% FPL                | 11       | \$22,800 | 11       | \$32,212 |

|                             |                       |                                |            |                 |            |                 |
|-----------------------------|-----------------------|--------------------------------|------------|-----------------|------------|-----------------|
|                             |                       | 200% - 299% FPL                | 13         | \$22,892        | 16         | \$48,590        |
|                             |                       | 300% - 399% FPL                | 8          | <10             | 10         | \$73,632        |
|                             | <b>Non-Completers</b> | <b>Total</b>                   | <b>137</b> | <b>\$19,432</b> | <b>158</b> | <b>\$22,610</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 59         | \$20,292        | 66         | \$22,134        |
|                             |                       | Information Technology         | 59         | \$20,492        | 68         | \$24,224        |
|                             |                       | Early Childhood Development    | 7          | <10             | 7          | <10             |
|                             |                       | Manufacturing & Skilled Trades | 3          | <10             | 6          | <10             |
|                             |                       | Public Safety                  | 9          | <10             | 11         | \$18,600        |
|                             |                       | <b>Income Level</b>            |            |                 |            |                 |
|                             |                       | < 100% FPL                     | 29         | \$12,792        | 33         | \$25,200        |
|                             |                       | 100% - 199% FPL                | 39         | \$24,240        | 46         | \$24,676        |
|                             |                       | 200% - 299% FPL                | 45         | \$15,048        | 51         | \$18,488        |
|                             |                       | 300% - 399% FPL                | 24         | \$14,626        | 28         | \$23,936        |
| <b>J. Sargeant Reynolds</b> | <b>Completers</b>     | <b>Total</b>                   | <b>41</b>  | <b>\$20,756</b> | <b>43</b>  | <b>\$42,008</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 22         | \$18,546        | 26         | \$55,438        |
|                             |                       | Information Technology         | 7          | <10             | 6          | <10             |
|                             |                       | Early Childhood Development    | 7          | <10             | 6          | <10             |
|                             |                       | Manufacturing & Skilled Trades | 1          | <10             | 1          | <10             |
|                             |                       | Public Safety                  | 4          | <10             | 4          | <10             |
|                             |                       | <b>Income Level</b>            |            |                 |            |                 |
|                             |                       | < 100% FPL                     | 6          | <10             | 7          | <10             |
|                             |                       | 100% - 199% FPL                | 13         | \$23,856        | 13         | \$40,432        |
|                             |                       | 200% - 299% FPL                | 13         | \$23,868        | 13         | \$45,172        |
|                             |                       | 300% - 399% FPL                | 9          | <10             | 10         | \$56,838        |
|                             | <b>Non-Completers</b> | <b>Total</b>                   | <b>154</b> | <b>\$22,010</b> | <b>181</b> | <b>\$29,000</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 104        | \$24,934        | 121        | \$27,360        |
|                             |                       | Information Technology         | 29         | \$21,796        | 35         | \$28,544        |
|                             |                       | Early Childhood Development    | 8          | <10             | 10         | \$34,542        |
|                             |                       | Manufacturing & Skilled Trades | 8          | <10             | 9          | <10             |
|                             |                       | Public Safety                  | 5          | <10             | 6          | <10             |
|                             |                       | <b>Income Level</b>            |            |                 |            |                 |
|                             |                       | < 100% FPL                     | 30         | \$18,124        | 42         | \$25,088        |
|                             |                       | 100% - 199% FPL                | 34         | \$21,248        | 42         | \$33,080        |
|                             |                       | 200% - 299% FPL                | 62         | \$26,292        | 66         | \$33,060        |
|                             |                       | 300% - 399% FPL                | 28         | \$22,912        | 31         | \$25,736        |
| <b>Laurel Ridge</b>         | <b>Completers</b>     | <b>Total</b>                   | <b>21</b>  | <b>\$29,300</b> | <b>28</b>  | <b>\$64,256</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 17         | \$26,208        | 23         | \$67,124        |
|                             |                       | Information Technology         | .          | .               | .          | .               |
|                             |                       | Early Childhood Development    | 4          | <10             | 5          | <10             |
|                             |                       | <b>Income Level</b>            |            |                 |            |                 |
|                             |                       | < 100% FPL                     | .          | .               | 1          | <10             |
|                             |                       | 100% - 199% FPL                | 6          | <10             | 7          | <10             |
|                             |                       | 200% - 299% FPL                | 12         | \$26,202        | 13         | \$64,160        |
|                             |                       | 300% - 399% FPL                | 3          | <10             | 7          | <10             |
|                             | <b>Non-Completers</b> | <b>Total</b>                   | <b>55</b>  | <b>\$19,568</b> | <b>63</b>  | <b>\$23,956</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 24         | \$23,458        | 27         | \$29,636        |
|                             |                       | Information Technology         | 16         | \$13,480        | 20         | \$19,690        |
|                             |                       | Early Childhood Development    | 11         | \$19,568        | 11         | \$25,668        |
|                             |                       | Manufacturing & Skilled Trades | 3          | <10             | 4          | <10             |
|                             |                       | Public Safety                  | 1          | <10             | 1          | <10             |
|                             |                       | <b>Income Level</b>            |            |                 |            |                 |
|                             |                       | < 100% FPL                     | 9          | <10             | 12         | \$29,614        |
|                             |                       | 100% - 199% FPL                | 17         | \$21,236        | 20         | \$22,868        |
|                             |                       | 200% - 299% FPL                | 14         | \$23,908        | 14         | \$24,234        |
|                             |                       | 300% - 399% FPL                | 15         | \$13,972        | 17         | \$23,712        |
| <b>Mountain Empire</b>      | <b>Completers</b>     | <b>Total</b>                   | <b>98</b>  | <b>\$15,184</b> | <b>101</b> | <b>\$27,460</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 61         | \$15,444        | 66         | \$21,336        |
|                             |                       | Information Technology         | 6          | <10             | 5          | <10             |
|                             |                       | Early Childhood Development    | 6          | <10             | 6          | <10             |
|                             |                       | Manufacturing & Skilled Trades | 23         | \$11,388        | 22         | \$47,820        |
|                             |                       | Public Safety                  | 2          | <10             | 2          | <10             |
|                             |                       | <b>Income Level</b>            |            |                 |            |                 |
|                             |                       | < 100% FPL                     | 42         | \$13,404        | 40         | \$18,706        |
|                             |                       | 100% - 199% FPL                | 22         | \$19,782        | 27         | \$24,572        |
|                             |                       | 200% - 299% FPL                | 20         | \$26,602        | 22         | \$35,892        |
|                             |                       | 300% - 399% FPL                | 14         | \$9,182         | 12         | \$37,356        |
|                             | <b>Non-Completers</b> | <b>Total</b>                   | <b>84</b>  | <b>\$12,616</b> | <b>102</b> | <b>\$19,570</b> |
|                             |                       | <b>Area of Study</b>           |            |                 |            |                 |
|                             |                       | Health Care                    | 54         | \$10,788        | 61         | \$20,224        |
|                             |                       | Information Technology         | 3          | <10             | 6          | <10             |
|                             |                       | Early Childhood Development    | 3          | <10             | 4          | <10             |

|                   |                 |                                |          |          |          |          |
|-------------------|-----------------|--------------------------------|----------|----------|----------|----------|
|                   |                 | Manufacturing & Skilled Trades | 15       | \$12,112 | 20       | \$18,360 |
|                   |                 | Public Safety                  | 9        | <10      | 11       | \$28,400 |
|                   |                 | Income Level                   |          |          |          |          |
|                   |                 | < 100% FPL                     | 33       | \$7,916  | 49       | \$17,996 |
|                   |                 | 100% - 199% FPL                | 27       | \$23,864 | 23       | \$20,124 |
|                   |                 | 200% - 299% FPL                | 10       | \$14,944 | 16       | \$16,840 |
|                   |                 | 300% - 399% FPL                | 14       | \$17,182 | 14       | \$37,566 |
| Mountain Gateway  | Completers      | Total                          | 15       | \$26,040 | 18       | \$54,390 |
|                   |                 | Area of Study                  |          |          |          |          |
|                   |                 | Health Care                    | 10       | \$35,570 | 11       | \$61,836 |
|                   |                 | Information Technology         | 1        | <10      | 1        | <10      |
|                   |                 | Early Childhood Development    | 1        | <10      | 1        | <10      |
|                   |                 | Manufacturing & Skilled Trades | 3        | <10      | 5        | <10      |
|                   |                 | Income Level                   |          |          |          |          |
|                   |                 | < 100% FPL                     | 1        | <10      | 1        | <10      |
|                   |                 | 100% - 199% FPL                | 5        | <10      | 5        | <10      |
|                   | 200% - 299% FPL | 8                              | <10      | 9        | <10      |          |
|                   | 300% - 399% FPL | 1                              | <10      | 3        | <10      |          |
|                   | Non-Completers  | Total                          | 37       | \$15,948 | 40       | \$28,680 |
|                   |                 | Area of Study                  |          |          |          |          |
|                   |                 | Health Care                    | 31       | \$13,224 | 34       | \$29,344 |
|                   |                 | Information Technology         | 2        | <10      | 3        | <10      |
|                   |                 | Early Childhood Development    | 1        | <10      | 1        | <10      |
|                   |                 | Manufacturing & Skilled Trades | 3        | <10      | 2        | <10      |
|                   |                 | Income Level                   |          |          |          |          |
|                   |                 | < 100% FPL                     | 16       | \$11,766 | 16       | \$28,680 |
| 100% - 199% FPL   |                 | 11                             | \$23,256 | 10       | \$23,932 |          |
| 200% - 299% FPL   |                 | 6                              | <10      | 9        | <10      |          |
| 300% - 399% FPL   | 4               | <10                            | 5        | <10      |          |          |
| New River         | Completers      | Total                          | 53       | \$14,508 | 66       | \$33,954 |
|                   |                 | Area of Study                  |          |          |          |          |
|                   |                 | Health Care                    | 18       | \$38,156 | 22       | \$46,950 |
|                   |                 | Information Technology         | 11       | \$14,880 | 13       | \$33,888 |
|                   |                 | Early Childhood Development    | 3        | <10      | 4        | <10      |
|                   |                 | Manufacturing & Skilled Trades | 21       | \$7,896  | 27       | \$31,940 |
|                   |                 | Public Safety                  | .        | .        | .        | .        |
|                   |                 | Income Level                   |          |          |          |          |
|                   |                 | < 100% FPL                     | 12       | \$6,076  | 17       | \$29,796 |
|                   | 100% - 199% FPL | 9                              | <10      | 13       | \$36,396 |          |
|                   | 200% - 299% FPL | 20                             | \$24,500 | 21       | \$37,752 |          |
|                   | 300% - 399% FPL | 12                             | \$15,200 | 15       | \$41,964 |          |
|                   | Non-Completers  | Total                          | 66       | \$15,494 | 79       | \$24,412 |
|                   |                 | Area of Study                  |          |          |          |          |
|                   |                 | Health Care                    | 16       | \$15,546 | 18       | \$28,904 |
|                   |                 | Information Technology         | 19       | \$17,324 | 22       | \$21,412 |
|                   |                 | Manufacturing & Skilled Trades | 27       | \$15,304 | 33       | \$24,412 |
|                   |                 | Public Safety                  | 4        | <10      | 6        | <10      |
|                   |                 | Income Level                   |          |          |          |          |
| < 100% FPL        |                 | 15                             | \$14,232 | 21       | \$21,612 |          |
| 100% - 199% FPL   |                 | 11                             | \$17,324 | 16       | \$23,660 |          |
| 200% - 299% FPL   |                 | 20                             | \$16,452 | 21       | \$32,740 |          |
| 300% - 399% FPL   | 20              | \$16,204                       | 21       | \$25,120 |          |          |
| Northern Virginia | Completers      | Total                          | 117      | \$23,656 | 153      | \$44,276 |
|                   |                 | Area of Study                  |          |          |          |          |
|                   |                 | Health Care                    | 24       | \$8,240  | 37       | \$66,232 |
|                   |                 | Information Technology         | 66       | \$23,726 | 77       | \$38,000 |
|                   |                 | Early Childhood Development    | 14       | \$31,382 | 21       | \$34,860 |
|                   |                 | Manufacturing & Skilled Trades | 13       | \$30,308 | 18       | \$53,912 |
|                   |                 | Income Level                   |          |          |          |          |
|                   |                 | < 100% FPL                     | 22       | \$17,522 | 31       | \$31,588 |
|                   |                 | 100% - 199% FPL                | 37       | \$19,188 | 45       | \$34,164 |
|                   | 200% - 299% FPL | 36                             | \$29,094 | 49       | \$52,296 |          |
|                   | 300% - 399% FPL | 22                             | \$39,846 | 28       | \$53,942 |          |
|                   | Non-Completers  | Total                          | 284      | \$20,500 | 354      | \$29,454 |
|                   |                 | Area of Study                  |          |          |          |          |
|                   |                 | Health Care                    | 25       | \$29,268 | 35       | \$28,064 |
|                   |                 | Information Technology         | 168      | \$20,924 | 212      | \$28,698 |
|                   |                 | Early Childhood Development    | 24       | \$18,266 | 28       | \$24,072 |
|                   |                 | Manufacturing & Skilled Trades | 56       | \$15,482 | 66       | \$34,412 |
|                   |                 | Public Safety                  | 11       | \$23,816 | 13       | \$32,376 |
|                   |                 | Income Level                   |          |          |          |          |
| < 100% FPL        |                 | 61                             | \$15,352 | 84       | \$22,420 |          |
| 100% - 199% FPL   |                 | 90                             | \$19,810 | 113      | \$30,016 |          |
| 200% - 299% FPL   | 77              | \$29,680                       | 93       | \$32,100 |          |          |
| 300% - 399% FPL   | 56              | \$23,468                       | 64       | \$32,598 |          |          |
| Patrick & Henry   | Completers      | Total                          | 34       | \$16,304 | 41       | \$34,900 |
|                   |                 | Area of Study                  |          |          |          |          |

|                   |                |                                |    |          |    |          |
|-------------------|----------------|--------------------------------|----|----------|----|----------|
|                   |                | Health Care                    | 18 | \$14,172 | 22 | \$39,078 |
|                   |                | Information Technology         | 3  | <10      | 2  | <10      |
|                   |                | Early Childhood Development    | 4  | <10      | 5  | <10      |
|                   |                | Manufacturing & Skilled Trades | 6  | <10      | 9  | <10      |
|                   |                | Public Safety                  | 3  | <10      | 3  | <10      |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | 11 | \$14,720 | 13 | \$34,800 |
|                   |                | 100% - 199% FPL                | 8  | <10      | 9  | <10      |
|                   |                | 200% - 299% FPL                | 12 | \$18,538 | 14 | \$27,142 |
|                   |                | 300% - 399% FPL                | 3  | <10      | 5  | <10      |
|                   | Non-Completers | Total                          | 55 | \$15,852 | 71 | \$26,644 |
|                   |                | Area of Study                  |    |          |    |          |
|                   |                | Health Care                    | 33 | \$16,452 | 38 | \$29,656 |
|                   |                | Information Technology         | 2  | <10      | 3  | <10      |
|                   |                | Early Childhood Development    | 5  | <10      | 8  | <10      |
|                   |                | Manufacturing & Skilled Trades | 14 | \$10,020 | 18 | \$25,208 |
|                   |                | Public Safety                  | 1  | <10      | 4  | <10      |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | 23 | \$14,288 | 27 | \$25,336 |
|                   |                | 100% - 199% FPL                | 9  | <10      | 10 | \$18,614 |
|                   |                | 200% - 299% FPL                | 14 | \$17,116 | 17 | \$33,548 |
|                   |                | 300% - 399% FPL                | 9  | <10      | 17 | \$30,428 |
| Paul D. Camp      | Completers     | Total                          | 6  | <10      | 7  | <10      |
|                   |                | Area of Study                  |    |          |    |          |
|                   |                | Health Care                    | 5  | <10      | 5  | <10      |
|                   |                | Information Technology         | .  | .        | 1  | <10      |
|                   |                | Early Childhood Development    | 1  | <10      | 1  | <10      |
|                   |                | Manufacturing & Skilled Trades | .  | .        | .  | .        |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | 1  | <10      | 2  | <10      |
|                   |                | 100% - 199% FPL                | 2  | <10      | .  | .        |
|                   |                | 200% - 299% FPL                | .  | .        | 1  | <10      |
|                   |                | 300% - 399% FPL                | 3  | <10      | 4  | <10      |
|                   | Non-Completers | Total                          | 22 | \$20,946 | 23 | \$32,544 |
|                   |                | Area of Study                  |    |          |    |          |
|                   |                | Health Care                    | 12 | \$25,080 | 14 | \$34,298 |
|                   |                | Information Technology         | 2  | <10      | 1  | <10      |
|                   |                | Early Childhood Development    | 3  | <10      | 3  | <10      |
|                   |                | Manufacturing & Skilled Trades | 4  | <10      | 3  | <10      |
|                   |                | Public Safety                  | 1  | <10      | 2  | <10      |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | 7  | <10      | 8  | <10      |
|                   |                | 100% - 199% FPL                | 4  | <10      | 3  | <10      |
|                   |                | 200% - 299% FPL                | 3  | <10      | 4  | <10      |
|                   |                | 300% - 399% FPL                | 8  | <10      | 8  | <10      |
| Piedmont Virginia | Completers     | Total                          | 19 | \$22,396 | 24 | \$53,670 |
|                   |                | Area of Study                  |    |          |    |          |
|                   |                | Health Care                    | 12 | \$22,244 | 15 | \$62,256 |
|                   |                | Information Technology         | 5  | <10      | 6  | <10      |
|                   |                | Early Childhood Development    | 2  | <10      | 2  | <10      |
|                   |                | Public Safety                  | .  | .        | 1  | <10      |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | 2  | <10      | 4  | <10      |
|                   |                | 100% - 199% FPL                | 4  | <10      | 5  | <10      |
|                   |                | 200% - 299% FPL                | 9  | <10      | 10 | \$58,586 |
|                   |                | 300% - 399% FPL                | 4  | <10      | 5  | <10      |
|                   | Non-Completers | Total                          | 31 | \$25,492 | 42 | \$34,380 |
|                   |                | Area of Study                  |    |          |    |          |
|                   |                | Health Care                    | 8  | <10      | 12 | \$37,756 |
|                   |                | Information Technology         | 14 | \$27,486 | 19 | \$35,140 |
|                   |                | Early Childhood Development    | 1  | <10      | 2  | <10      |
|                   |                | Manufacturing & Skilled Trades | 2  | <10      | 3  | <10      |
|                   |                | Public Safety                  | 6  | <10      | 6  | <10      |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | 5  | <10      | 6  | <10      |
|                   |                | 100% - 199% FPL                | 9  | <10      | 11 | \$21,020 |
|                   |                | 200% - 299% FPL                | 11 | \$33,380 | 13 | \$41,560 |
|                   |                | 300% - 399% FPL                | 6  | <10      | 12 | \$25,986 |
| Rappahannock      | Completers     | Total                          | 11 | \$26,592 | 14 | \$38,146 |
|                   |                | Area of Study                  |    |          |    |          |
|                   |                | Health Care                    | 11 | \$26,592 | 13 | \$34,704 |
|                   |                | Manufacturing & Skilled Trades | .  | .        | 1  | <10      |
|                   |                | Public Safety                  | .  | .        | .  | .        |
|                   |                | Income Level                   |    |          |    |          |
|                   |                | < 100% FPL                     | .  | .        | 1  | <10      |
|                   |                | 100% - 199% FPL                | 5  | <10      | 6  | <10      |
|                   |                | 200% - 299% FPL                | 5  | <10      | 5  | <10      |

|                    |                |                                |     |          |     |          |
|--------------------|----------------|--------------------------------|-----|----------|-----|----------|
|                    |                | 300% - 399% FPL                | 1   | <10      | 2   | <10      |
|                    | Non-Completers | Total                          | 21  | \$21,056 | 25  | \$16,788 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 15  | \$19,896 | 19  | \$16,168 |
|                    |                | Information Technology         | 3   | <10      | 3   | <10      |
|                    |                | Manufacturing & Skilled Trades | 1   | <10      | 1   | <10      |
|                    |                | Public Safety                  | 2   | <10      | 2   | <10      |
|                    |                | Income Level                   |     |          |     |          |
|                    |                | < 100% FPL                     | 4   | <10      | 6   | <10      |
|                    |                | 100% - 199% FPL                | 8   | <10      | 10  | \$16,068 |
|                    |                | 200% - 299% FPL                | 3   | <10      | 3   | <10      |
|                    |                | 300% - 399% FPL                | 6   | <10      | 6   | <10      |
| Southside Virginia | Completers     | Total                          | 23  | \$32,748 | 25  | \$34,012 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 13  | \$31,776 | 14  | \$30,804 |
|                    |                | Information Technology         | 3   | <10      | 3   | <10      |
|                    |                | Manufacturing & Skilled Trades | 7   | <10      | 8   | <10      |
|                    |                | Income Level                   |     |          |     |          |
|                    |                | < 100% FPL                     | 9   | <10      | 10  | \$32,756 |
|                    |                | 100% - 199% FPL                | 4   | <10      | 5   | <10      |
|                    |                | 200% - 299% FPL                | 3   | <10      | 3   | <10      |
|                    |                | 300% - 399% FPL                | 7   | <10      | 7   | <10      |
|                    | Non-Completers | Total                          | 50  | \$27,900 | 57  | \$33,376 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 25  | \$35,100 | 27  | \$33,064 |
|                    |                | Information Technology         | 7   | <10      | 10  | \$33,264 |
|                    |                | Manufacturing & Skilled Trades | 16  | \$23,582 | 17  | \$33,592 |
|                    |                | Public Safety                  | 2   | <10      | 3   | <10      |
|                    |                | Income Level                   |     |          |     |          |
|                    |                | < 100% FPL                     | 11  | \$27,920 | 15  | \$28,096 |
|                    |                | 100% - 199% FPL                | 14  | \$24,858 | 16  | \$34,232 |
|                    |                | 200% - 299% FPL                | 17  | \$35,136 | 16  | \$36,760 |
|                    |                | 300% - 399% FPL                | 8   | <10      | 10  | \$35,286 |
| Southwest Virginia | Completers     | Total                          | 29  | \$17,104 | 48  | \$27,284 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 18  | \$18,790 | 34  | \$24,474 |
|                    |                | Information Technology         | 3   | <10      | 3   | <10      |
|                    |                | Early Childhood Development    | 1   | <10      | 2   | <10      |
|                    |                | Manufacturing & Skilled Trades | 5   | <10      | 7   | <10      |
|                    |                | Public Safety                  | 2   | <10      | 2   | <10      |
|                    |                | Income Level                   |     |          |     |          |
|                    |                | < 100% FPL                     | 8   | <10      | 17  | \$16,136 |
|                    |                | 100% - 199% FPL                | 9   | <10      | 12  | \$50,614 |
|                    |                | 200% - 299% FPL                | 9   | <10      | 11  | \$32,844 |
|                    |                | 300% - 399% FPL                | 3   | <10      | 8   | <10      |
|                    | Non-Completers | Total                          | 99  | \$14,256 | 119 | \$20,736 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 71  | \$14,124 | 79  | \$18,412 |
|                    |                | Information Technology         | 10  | \$18,934 | 14  | \$27,260 |
|                    |                | Early Childhood Development    | 4   | <10      | 7   | <10      |
|                    |                | Manufacturing & Skilled Trades | 6   | <10      | 11  | \$34,432 |
|                    |                | Public Safety                  | 8   | <10      | 8   | <10      |
|                    |                | Income Level                   |     |          |     |          |
|                    |                | < 100% FPL                     | 42  | \$13,252 | 56  | \$18,024 |
|                    |                | 100% - 199% FPL                | 19  | \$20,908 | 22  | \$31,560 |
|                    |                | 200% - 299% FPL                | 18  | \$16,860 | 22  | \$25,400 |
|                    |                | 300% - 399% FPL                | 20  | \$14,922 | 19  | \$24,976 |
| Tidewater          | Completers     | Total                          | 100 | \$18,154 | 130 | \$35,460 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 29  | \$17,844 | 48  | \$50,476 |
|                    |                | Information Technology         | 17  | \$21,968 | 18  | \$32,808 |
|                    |                | Early Childhood Development    | 8   | <10      | 13  | \$24,636 |
|                    |                | Manufacturing & Skilled Trades | 28  | \$19,092 | 31  | \$37,028 |
|                    |                | Public Safety                  | 18  | \$14,688 | 20  | \$27,916 |
|                    |                | Income Level                   |     |          |     |          |
|                    |                | < 100% FPL                     | 25  | \$17,204 | 29  | \$30,840 |
|                    |                | 100% - 199% FPL                | 38  | \$17,488 | 46  | \$34,718 |
|                    |                | 200% - 299% FPL                | 21  | \$17,980 | 31  | \$32,960 |
|                    |                | 300% - 399% FPL                | 16  | \$23,250 | 24  | \$43,426 |
|                    | Non-Completers | Total                          | 354 | \$20,768 | 427 | \$26,556 |
|                    |                | Area of Study                  |     |          |     |          |
|                    |                | Health Care                    | 203 | \$21,848 | 241 | \$26,512 |
|                    |                | Information Technology         | 61  | \$20,868 | 74  | \$28,434 |
|                    |                | Early Childhood Development    | 19  | \$17,288 | 20  | \$25,862 |
|                    |                | Manufacturing & Skilled Trades | 39  | \$18,444 | 55  | \$26,556 |
|                    |                | Public Safety                  | 32  | \$19,180 | 37  | \$25,964 |
|                    |                | Income Level                   |     |          |     |          |

|                    |                 |                                |          |          |          |          |
|--------------------|-----------------|--------------------------------|----------|----------|----------|----------|
|                    |                 | < 100% FPL                     | 114      | \$14,458 | 148      | \$20,608 |
|                    |                 | 100% - 199% FPL                | 105      | \$26,716 | 116      | \$27,262 |
|                    |                 | 200% - 299% FPL                | 98       | \$24,514 | 117      | \$30,328 |
|                    |                 | 300% - 399% FPL                | 37       | \$35,424 | 46       | \$36,078 |
| Virginia Highlands | Completers      | Total                          | 41       | \$16,952 | 65       | \$39,080 |
|                    |                 | Area of Study                  |          |          |          |          |
|                    |                 | Health Care                    | 26       | \$15,732 | 39       | \$47,052 |
|                    |                 | Information Technology         | .        | .        | .        | .        |
|                    |                 | Early Childhood Development    | .        | .        | 1        | <10      |
|                    |                 | Manufacturing & Skilled Trades | 13       | \$21,912 | 23       | \$38,104 |
|                    |                 | Public Safety                  | 2        | <10      | 2        | <10      |
|                    |                 | Income Level                   |          |          |          |          |
|                    |                 | < 100% FPL                     | 13       | \$15,052 | 24       | \$36,946 |
|                    |                 | 100% - 199% FPL                | 7        | <10      | 10       | \$38,418 |
|                    | 200% - 299% FPL | 11                             | \$28,836 | 14       | \$39,464 |          |
|                    | 300% - 399% FPL | 10                             | \$30,650 | 17       | \$49,136 |          |
|                    | Non-Completers  | Total                          | 86       | \$11,534 | 114      | \$20,810 |
|                    |                 | Area of Study                  |          |          |          |          |
|                    |                 | Health Care                    | 57       | \$11,136 | 69       | \$20,968 |
|                    |                 | Information Technology         | 5        | <10      | 7        | <10      |
|                    |                 | Early Childhood Development    | 2        | <10      | 2        | <10      |
|                    |                 | Manufacturing & Skilled Trades | 14       | \$13,346 | 24       | \$28,114 |
|                    |                 | Public Safety                  | 8        | <10      | 12       | \$14,908 |
|                    |                 | Income Level                   |          |          |          |          |
| < 100% FPL         |                 | 31                             | \$9,532  | 43       | \$19,580 |          |
| 100% - 199% FPL    |                 | 28                             | \$15,950 | 33       | \$29,516 |          |
| 200% - 299% FPL    | 22              | \$14,040                       | 28       | \$17,588 |          |          |
| 300% - 399% FPL    | 5               | <10                            | 10       | \$19,356 |          |          |
| Virginia Peninsula | Completers      | Total                          | 14       | \$26,662 | 17       | \$43,384 |
|                    |                 | Area of Study                  |          |          |          |          |
|                    |                 | Health Care                    | 8        | <10      | 10       | \$54,000 |
|                    |                 | Information Technology         | 2        | <10      | 2        | <10      |
|                    |                 | Early Childhood Development    | 2        | <10      | 2        | <10      |
|                    |                 | Manufacturing & Skilled Trades | .        | .        | 1        | <10      |
|                    |                 | Public Safety                  | 2        | <10      | 2        | <10      |
|                    |                 | Income Level                   |          |          |          |          |
|                    |                 | < 100% FPL                     | 2        | <10      | 4        | <10      |
|                    |                 | 100% - 199% FPL                | 5        | <10      | 5        | <10      |
|                    | 200% - 299% FPL | 4                              | <10      | 5        | <10      |          |
|                    | 300% - 399% FPL | 3                              | <10      | 3        | <10      |          |
|                    | Non-Completers  | Total                          | 71       | \$16,360 | 79       | \$26,400 |
|                    |                 | Area of Study                  |          |          |          |          |
|                    |                 | Health Care                    | 29       | \$21,604 | 30       | \$31,070 |
|                    |                 | Information Technology         | 13       | \$10,028 | 17       | \$30,900 |
|                    |                 | Early Childhood Development    | 12       | \$15,536 | 11       | \$23,508 |
|                    |                 | Manufacturing & Skilled Trades | 12       | \$11,698 | 11       | \$15,376 |
|                    |                 | Public Safety                  | 5        | <10      | 10       | \$20,378 |
|                    |                 | Income Level                   |          |          |          |          |
| < 100% FPL         |                 | 20                             | \$14,806 | 24       | \$26,974 |          |
| 100% - 199% FPL    |                 | 21                             | \$19,096 | 20       | \$21,244 |          |
| 200% - 299% FPL    | 17              | \$16,360                       | 22       | \$33,856 |          |          |
| 300% - 399% FPL    | 13              | \$20,152                       | 13       | \$26,400 |          |          |
| Virginia Western   | Completers      | Total                          | 64       | \$16,798 | 89       | \$37,340 |
|                    |                 | Area of Study                  |          |          |          |          |
|                    |                 | Health Care                    | 43       | \$16,264 | 61       | \$38,624 |
|                    |                 | Information Technology         | 5        | <10      | 6        | <10      |
|                    |                 | Early Childhood Development    | 2        | <10      | 2        | <10      |
|                    |                 | Manufacturing & Skilled Trades | 12       | \$17,530 | 17       | \$37,340 |
|                    |                 | Public Safety                  | 2        | <10      | 3        | <10      |
|                    |                 | Income Level                   |          |          |          |          |
|                    |                 | < 100% FPL                     | 18       | \$10,774 | 27       | \$29,276 |
|                    |                 | 100% - 199% FPL                | 15       | \$11,316 | 19       | \$47,048 |
|                    | 200% - 299% FPL | 20                             | \$21,880 | 23       | \$38,624 |          |
|                    | 300% - 399% FPL | 11                             | \$23,184 | 20       | \$44,660 |          |
|                    | Non-Completers  | Total                          | 142      | \$18,070 | 170      | \$24,766 |
|                    |                 | Area of Study                  |          |          |          |          |
|                    |                 | Health Care                    | 99       | \$19,996 | 108      | \$24,746 |
|                    |                 | Information Technology         | 11       | \$24,608 | 15       | \$28,908 |
|                    |                 | Early Childhood Development    | 4        | <10      | 6        | <10      |
|                    |                 | Manufacturing & Skilled Trades | 22       | \$17,754 | 32       | \$31,442 |
|                    |                 | Public Safety                  | 6        | <10      | 9        | <10      |
|                    |                 | Income Level                   |          |          |          |          |
| < 100% FPL         |                 | 35                             | \$10,212 | 46       | \$20,150 |          |
| 100% - 199% FPL    |                 | 37                             | \$24,608 | 38       | \$30,936 |          |
| 200% - 299% FPL    | 42              | \$23,186                       | 53       | \$26,584 |          |          |
| 300% - 399% FPL    | 28              | \$14,962                       | 33       | \$30,316 |          |          |
| Wytheville         | Completers      | Total                          | 27       | \$18,000 | 41       | \$40,100 |



|  |                       |   |    |          |    |          |
|--|-----------------------|---|----|----------|----|----------|
|  |                       | <b>Area of Study</b>                      |    |          |    |          |
|  |                       | <b>Health Care</b>                        | 13 | \$15,856 | 22 | \$43,670 |
|  |                       | <b>Information Technology</b>             | 2  | <10      | 3  | <10      |
|  |                       | <b>Manufacturing &amp; Skilled Trades</b> | 7  | <10      | 10 | \$32,064 |
|  |                       | <b>Public Safety</b>                      | 5  | <10      | 6  | <10      |
|  |                       | <b>Income Level</b>                       |    |          |    |          |
|  |                       | <b>&lt; 100% FPL</b>                      | 6  | <10      | 8  | <10      |
|  |                       | <b>100% - 199% FPL</b>                    | 7  | <10      | 14 | \$45,286 |
|  |                       | <b>200% - 299% FPL</b>                    | 8  | <10      | 9  | <10      |
|  |                       | <b>300% - 399% FPL</b>                    | 6  | <10      | 10 | \$39,276 |
|  | <b>Non-Completers</b> | <b>Total</b>                              | 46 | \$14,430 | 46 | \$29,666 |
|  |                       | <b>Area of Study</b>                      |    |          |    |          |
|  |                       | <b>Health Care</b>                        | 20 | \$14,612 | 22 | \$31,246 |
|  |                       | <b>Information Technology</b>             | 5  | <10      | 6  | <10      |
|  |                       | <b>Manufacturing &amp; Skilled Trades</b> | 14 | \$12,666 | 14 | \$27,370 |
|  |                       | <b>Public Safety</b>                      | 7  | <10      | 4  | <10      |
|  |                       | <b>Income Level</b>                       |    |          |    |          |
|  |                       | <b>&lt; 100% FPL</b>                      | 11 | \$8,080  | 9  | <10      |
|  |                       | <b>100% - 199% FPL</b>                    | 13 | \$16,824 | 17 | \$29,692 |
|  |                       | <b>200% - 299% FPL</b>                    | 12 | \$15,900 | 12 | \$42,204 |
|  |                       | <b>300% - 399% FPL</b>                    | 10 | \$12,320 | 8  | <10      |

**Appendix 11: Pre- and Post-Wages of G3 WCG Students**

|                                |                        |                                | # Students | Pre-Enrollment Wages | # Students | Post-Completion Wages |
|--------------------------------|------------------------|--------------------------------|------------|----------------------|------------|-----------------------|
|                                |                        |                                | Sum        | Median               | Sum        | Median                |
| VCCS                           | Credential Earners     | Total                          | 249        | \$19,544             | 844        | \$34,996              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 142        | \$17,934             | 467        | \$32,660              |
|                                |                        | Information Technology         | 17         | \$22,888             | 44         | \$44,066              |
|                                |                        | Manufacturing & Skilled Trades | 90         | \$19,952             | 331        | \$40,864              |
|                                | Public Safety          | .                              | .          | 2                    | <10        |                       |
|                                | Non-Credential Earners | Total                          | 582        | \$21,406             | 1,033      | \$31,572              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 391        | \$19,256             | 683        | \$29,476              |
|                                |                        | Information Technology         | 91         | \$29,356             | 179        | \$37,224              |
| Manufacturing & Skilled Trades |                        | 99                             | \$24,404   | 166                  | \$35,116   |                       |
| Public Safety                  | 1                      | <10                            | 5          | <10                  |            |                       |
| Blue Ridge                     | Credential Earners     | Total                          | 19         | \$17,076             | 88         | \$35,828              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 15         | \$17,076             | 57         | \$33,448              |
|                                |                        | Information Technology         | 2          | <10                  | 6          | <10                   |
|                                |                        | Manufacturing & Skilled Trades | 2          | <10                  | 25         | \$42,652              |
|                                | Non-Credential Earners | Total                          | 33         | \$22,184             | 58         | \$32,458              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 13         | \$17,504             | 24         | \$25,728              |
|                                |                        | Information Technology         | 8          | <10                  | 16         | \$42,800              |
|                                |                        | Manufacturing & Skilled Trades | 12         | \$26,020             | 18         | \$34,022              |
| Brightpoint                    | Credential Earners     | Total                          | 11         | \$31,052             | 37         | \$39,044              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 4          | <10                  | 14         | \$21,098              |
|                                |                        | Information Technology         | 2          | <10                  | 2          | <10                   |
|                                |                        | Manufacturing & Skilled Trades | 5          | <10                  | 19         | \$44,812              |
|                                | Public Safety          | .                              | .          | 2                    | <10        |                       |
|                                | Non-Credential Earners | Total                          | 135        | \$20,816             | 237        | \$32,464              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 119        | \$20,556             | 190        | \$32,698              |
|                                |                        | Information Technology         | 13         | \$27,484             | 35         | \$31,780              |
| Manufacturing & Skilled Trades |                        | 2                              | <10        | 7                    | <10        |                       |
| Public Safety                  | 1                      | <10                            | 5          | <10                  |            |                       |
| Central Virginia               | Credential Earners     | Total                          | 5          | <10                  | 7          | <10                   |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Manufacturing & Skilled Trades | 5          | <10                  | 7          | <10                   |
|                                | Non-Credential Earners | Total                          | 24         | \$18,594             | 32         | \$31,084              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 21         | \$17,292             | 28         | \$29,800              |
| Manufacturing & Skilled Trades | 3                      | <10                            | 4          | <10                  |            |                       |
| Danville                       | Credential Earners     | Total                          | .          | .                    | 2          | <10                   |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | .          | .                    | 2          | <10                   |
|                                | Non-Credential Earners | Total                          | 12         | \$15,522             | 21         | \$26,112              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 5          | <10                  | 14         | \$25,804              |
| Information Technology         | 3                      | <10                            | 1          | <10                  |            |                       |
| Manufacturing & Skilled Trades | 4                      | <10                            | 6          | <10                  |            |                       |
| Eastern Shore                  | Credential Earners     | Total                          | 5          | <10                  | 11         | \$27,844              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 2          | <10                  | 10         | \$28,146              |
|                                |                        | Information Technology         | 3          | <10                  | 1          | <10                   |
|                                | Non-Credential Earners | Total                          | 2          | <10                  | 7          | <10                   |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | .          | .                    | 4          | \$18,624              |
|                                |                        | Information Technology         | 2          | <10                  | 1          | <10                   |
| Manufacturing & Skilled Trades | .                      | .                              | 2          | <10                  |            |                       |
| Germanna                       | Credential Earners     | Total                          | 1          | <10                  | 13         | \$33,512              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Information Technology         | 1          | <10                  | 1          | <10                   |
|                                |                        | Manufacturing & Skilled Trades | .          | .                    | 12         | \$30,210              |
|                                | Non-Credential Earners | Total                          | 17         | \$24,668             | 31         | \$26,148              |
|                                |                        | Area of Study                  |            |                      |            |                       |
|                                |                        | Health Care                    | 3          | <10                  | 7          | <10                   |
| Information Technology         | 7                      | <10                            | 12         | \$37,734             |            |                       |

|                   |                        |                                |    |          |     |          |
|-------------------|------------------------|--------------------------------|----|----------|-----|----------|
| Laurel Ridge      | Credential Earners     | Manufacturing & Skilled Trades | 7  | <10      | 12  | \$23,996 |
|                   |                        | Total                          | 3  | <10      | 71  | \$36,476 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 1  | <10      | 37  | \$36,392 |
|                   | Non-Credential Earners | Information Technology         | 1  | <10      | 6   | <10      |
|                   |                        | Manufacturing & Skilled Trades | 1  | <10      | 28  | \$39,448 |
|                   |                        | Total                          | 22 | \$21,824 | 59  | \$31,324 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 11 | \$18,352 | 30  | \$25,098 |
|                   |                        | Information Technology         | 2  | <10      | 10  | \$32,306 |
| Mountain Empire   | Credential Earners     | Manufacturing & Skilled Trades | 9  | <10      | 19  | \$38,232 |
|                   |                        | Total                          | 9  | <10      | 12  | \$55,890 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | .  | .        | 2   | <10      |
|                   | Non-Credential Earners | Manufacturing & Skilled Trades | 9  | <10      | 10  | \$53,180 |
|                   |                        | Total                          | .  | .        | 1   | <10      |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | .  | .        | 1   | <10      |
| Mountain Gateway  | Credential Earners     | Manufacturing & Skilled Trades | 1  | <10      | 1   | <10      |
|                   |                        | Total                          | 8  | <10      | 23  | \$36,204 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 7  | <10      | 13  | \$35,168 |
|                   | Non-Credential Earners | Manufacturing & Skilled Trades | 1  | <10      | 10  | \$43,870 |
|                   |                        | Total                          | 26 | \$12,636 | 37  | \$20,964 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 25 | \$12,296 | 36  | \$20,704 |
| New River         | Credential Earners     | Manufacturing & Skilled Trades | 1  | <10      | 1   | <10      |
|                   |                        | Total                          | 6  | <10      | 25  | \$33,684 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 6  | <10      | 19  | \$30,784 |
|                   | Non-Credential Earners | Manufacturing & Skilled Trades | .  | .        | 6   | <10      |
|                   |                        | Total                          | 18 | \$26,600 | 30  | \$35,304 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 7  | <10      | 16  | \$21,820 |
| Northern Virginia | Credential Earners     | Manufacturing & Skilled Trades | 11 | \$33,424 | 14  | \$38,416 |
|                   |                        | Total                          | 46 | \$22,802 | 134 | \$37,638 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 38 | \$22,716 | 104 | \$35,728 |
|                   | Non-Credential Earners | Information Technology         | 8  | <10      | 27  | \$52,312 |
|                   |                        | Manufacturing & Skilled Trades | .  | .        | 3   | <10      |
|                   |                        | Total                          | 73 | \$24,456 | 124 | \$38,794 |
|                   |                        | Area of Study                  |    |          |     |          |
| Patrick & Henry   | Credential Earners     | Health Care                    | 31 | \$20,952 | 46  | \$33,566 |
|                   |                        | Information Technology         | 41 | \$33,280 | 76  | \$43,840 |
|                   |                        | Manufacturing & Skilled Trades | 1  | <10      | 2   | <10      |
|                   |                        | Total                          | 15 | \$22,676 | 72  | \$31,746 |
|                   | Non-Credential Earners | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 7  | <10      | 38  | \$26,854 |
|                   |                        | Manufacturing & Skilled Trades | 8  | <10      | 34  | \$35,950 |
|                   |                        | Total                          | 19 | \$24,172 | 43  | \$26,132 |
| Paul D. Camp      | Credential Earners     | Health Care                    | 16 | \$22,986 | 35  | \$26,132 |
|                   |                        | Manufacturing & Skilled Trades | 3  | <10      | 8   | <10      |
|                   |                        | Total                          | 1  | <10      | 9   | <10      |
|                   |                        | Area of Study                  |    |          |     |          |
|                   | Non-Credential Earners | Health Care                    | .  | .        | 7   | <10      |
|                   |                        | Manufacturing & Skilled Trades | 1  | <10      | 2   | <10      |
|                   |                        | Total                          | 2  | <10      | 19  | \$15,016 |
|                   |                        | Area of Study                  |    |          |     |          |
| Piedmont Virginia | Credential Earners     | Health Care                    | 2  | <10      | 12  | \$21,994 |
|                   |                        | Information Technology         | .  | .        | 5   | <10      |
|                   |                        | Manufacturing & Skilled Trades | .  | .        | 2   | <10      |
|                   |                        | Total                          | 10 | \$18,558 | 34  | \$31,642 |
|                   | Non-Credential Earners | Area of Study                  |    |          |     |          |
|                   |                        | Health Care                    | 9  | <10      | 17  | \$35,012 |
|                   |                        | Manufacturing & Skilled Trades | 1  | <10      | 17  | \$22,036 |
|                   |                        | Total                          | 29 | \$27,640 | 33  | \$36,452 |
| Rappahannock      | Credential Earners     | Health Care                    | 23 | \$29,048 | 30  | \$36,036 |
|                   |                        | Manufacturing & Skilled Trades | 6  | <10      | 3   | <10      |
|                   |                        | Total                          | 6  | <10      | 21  | \$35,040 |
|                   |                        | Area of Study                  |    |          |     |          |
|                   | Non-Credential Earners | Health Care                    | 2  | <10      | 4   | <10      |
|                   |                        | Total                          |    |          |     |          |

|                    |                               |   |    |          |     |          |
|--------------------|-------------------------------|---|----|----------|-----|----------|
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 4  | <10      | 17  | \$30,000 |
|                    | <b>Non-Credential Earners</b> | <b>Total</b>                              | 22 | \$22,304 | 32  | \$34,668 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 20 | \$23,762 | 28  | \$35,900 |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 2  | <10      | 4   | <10      |
| Southside Virginia | <b>Credential Earners</b>     | <b>Total</b>                              | 6  | <10      | 38  | \$48,708 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 2  | <10      | 11  | \$36,560 |
|                    | <b>Non-Credential Earners</b> | <b>Manufacturing &amp; Skilled Trades</b> | 4  | <10      | 27  | \$60,396 |
|                    |                               | <b>Total</b>                              | 15 | \$16,840 | 31  | \$41,620 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 5  | <10      | 14  | \$33,172 |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 10 | \$15,264 | 17  | \$49,988 |
| Southwest Virginia | <b>Credential Earners</b>     | <b>Total</b>                              | 14 | \$12,334 | 34  | \$38,760 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 2  | <10      | 3   | <10      |
|                    | <b>Non-Credential Earners</b> | <b>Manufacturing &amp; Skilled Trades</b> | 12 | \$12,334 | 31  | \$40,896 |
|                    |                               | <b>Total</b>                              | 14 | \$11,976 | 20  | \$22,644 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 9  | <10      | 10  | \$15,808 |
|                    |                               | <b>Information Technology</b>             | .  | .        | .   | .        |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 5  | <10      | 10  | \$59,816 |
| Tidewater          | <b>Credential Earners</b>     | <b>Total</b>                              | 30 | \$15,340 | 68  | \$30,818 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 12 | \$2,864  | 44  | \$31,932 |
|                    | <b>Non-Credential Earners</b> | <b>Manufacturing &amp; Skilled Trades</b> | 18 | \$16,864 | 24  | \$24,646 |
|                    |                               | <b>Total</b>                              | 79 | \$22,568 | 135 | \$29,084 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 57 | \$23,696 | 106 | \$29,314 |
|                    |                               | <b>Information Technology</b>             | 8  | <10      | 11  | \$35,832 |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 14 | \$8,958  | 18  | \$28,584 |
| Virginia Highlands | <b>Credential Earners</b>     | <b>Total</b>                              | 16 | \$17,692 | 37  | \$31,872 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    | <b>Non-Credential Earners</b> | <b>Health Care</b>                        | 16 | \$17,692 | 37  | \$31,872 |
|                    |                               | <b>Total</b>                              | 2  | <10      | 6   | <10      |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 2  | <10      | 6   | <10      |
| Virginia Peninsula | <b>Credential Earners</b>     | <b>Total</b>                              | 22 | \$21,772 | 59  | \$30,852 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 13 | \$11,456 | 38  | \$27,370 |
|                    | <b>Non-Credential Earners</b> | <b>Information Technology</b>             | .  | .        | 1   | <10      |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 9  | <10      | 20  | \$37,936 |
|                    |                               | <b>Total</b>                              | 35 | \$21,016 | 70  | \$26,354 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 20 | \$17,706 | 42  | \$17,910 |
|                    |                               | <b>Information Technology</b>             | 7  | <10      | 12  | \$41,588 |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 8  | <10      | 16  | \$34,538 |
| Virginia Western   | <b>Credential Earners</b>     | <b>Total</b>                              | 6  | <10      | 12  | \$30,212 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 6  | <10      | 10  | \$32,370 |
|                    | <b>Non-Credential Earners</b> | <b>Manufacturing &amp; Skilled Trades</b> | .  | .        | 2   | <10      |
|                    |                               | <b>Total</b>                              | 2  | <10      | 4   | <10      |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Health Care</b>                        | 2  | <10      | 4   | <10      |
| Wytheville         | <b>Credential Earners</b>     | <b>Total</b>                              | 10 | \$22,000 | 37  | \$49,572 |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    | <b>Non-Credential Earners</b> | <b>Manufacturing &amp; Skilled Trades</b> | 10 | \$22,000 | 37  | \$49,572 |
|                    |                               | <b>Total</b>                              | 1  | <10      | 3   | <10      |
|                    |                               | <b>Area of Study</b>                      |    |          |     |          |
|                    |                               | <b>Manufacturing &amp; Skilled Trades</b> | 1  | <10      | 3   | <10      |

**Appendix 12: G3 program completions and job demand by high-need area**

|                             |                                | # Completions | # Annual Openings | % Completions | % Annual Openings |
|-----------------------------|--------------------------------|---------------|-------------------|---------------|-------------------|
|                             | <b>Program Area</b>            |               |                   |               |                   |
| <b>VCCS</b>                 | Health Care                    | 1,757         | 114,464           | 37%           | 23%               |
|                             | Information Technology         | 732           | 117,224           | 16%           | 24%               |
|                             | Early Childhood Development    | 295           | 22,313            | 6%            | 4%                |
|                             | Manufacturing & Skilled Trades | 1,783         | 206,679           | 38%           | 42%               |
|                             | Public Safety                  | 138           | 36,391            | 3%            | 7%                |
| <b>Blue Ridge</b>           | Health Care                    | 108           | 1,515             | 59%           | 38%               |
|                             | Information Technology         | 26            | 534               | 14%           | 13%               |
|                             | Early Childhood Development    | 2             | 300               | 1%            | 7%                |
|                             | Manufacturing & Skilled Trades | 47            | 1,663             | 26%           | 41%               |
| <b>Brightpoint</b>          | Health Care                    | 172           | 2,869             | 51%           | 25%               |
|                             | Information Technology         | 38            | 1,217             | 11%           | 10%               |
|                             | Early Childhood Development    | 11            | 780               | 3%            | 7%                |
|                             | Manufacturing & Skilled Trades | 99            | 5,535             | 30%           | 48%               |
|                             | Public Safety                  | 14            | 1,228             | 4%            | 11%               |
| <b>Central Virginia</b>     | Health Care                    | 60            | 1,085             | 37%           | 23%               |
|                             | Information Technology         | 4             | 358               | 2%            | 8%                |
|                             | Manufacturing & Skilled Trades | 98            | 3,062             | 60%           | 64%               |
|                             | Public Safety                  | 1             | 264               | 1%            | 6%                |
| <b>Danville</b>             | Health Care                    | 12            | 739               | 8%            | 30%               |
|                             | Information Technology         | 10            | 174               | 6%            | 7%                |
|                             | Early Childhood Development    | 16            | 190               | 10%           | 8%                |
|                             | Manufacturing & Skilled Trades | 114           | 1,156             | 71%           | 48%               |
|                             | Public Safety                  | 8             | 172               | 5%            | 7%                |
| <b>Eastern Shore</b>        | Health Care                    | 18            | 331               | 40%           | 43%               |
|                             | Information Technology         | 3             | 65                | 7%            | 8%                |
|                             | Early Childhood Development    | 3             | 62                | 7%            | 8%                |
|                             | Manufacturing & Skilled Trades | 21            | 312               | 47%           | 41%               |
| <b>Germanna</b>             | Health Care                    | 60            | 1,343             | 39%           | 18%               |
|                             | Information Technology         | 49            | 2,345             | 32%           | 32%               |
|                             | Early Childhood Development    | 10            | 664               | 7%            | 9%                |
|                             | Manufacturing & Skilled Trades | 28            | 2,258             | 18%           | 31%               |
|                             | Public Safety                  | 6             | 703               | 4%            | 10%               |
| <b>J. Sargeant Reynolds</b> | Health Care                    | 56            | 5,414             | 33%           | 46%               |
|                             | Information Technology         | 40            | 2,006             | 24%           | 17%               |
|                             | Early Childhood Development    | 66            | 1,389             | 39%           | 12%               |
|                             | Manufacturing & Skilled Trades | 3             | 1,602             | 2%            | 14%               |
|                             | Public Safety                  | 4             | 1,241             | 2%            | 11%               |
| <b>Laurel Ridge</b>         | Health Care                    | 38            | 1,305             | 26%           | 31%               |
|                             | Information Technology         | 66            | 1,627             | 45%           | 38%               |
|                             | Early Childhood Development    | 8             | 393               | 5%            | 9%                |
|                             | Manufacturing & Skilled Trades | 34            | 947               | 23%           | 22%               |
| <b>Mountain Empire</b>      | Health Care                    | 94            | 281               | 39%           | 18%               |
|                             | Information Technology         | 21            | 49                | 9%            | 3%                |
|                             | Early Childhood Development    | 5             | 106               | 2%            | 7%                |
|                             | Manufacturing & Skilled Trades | 120           | 900               | 49%           | 59%               |
|                             | Public Safety                  | 3             | 182               | 1%            | 12%               |
| <b>Mountain Gateway</b>     | Health Care                    | 47            | 881               | 70%           | 46%               |
|                             | Information Technology         | 1             | 74                | 1%            | 4%                |
|                             | Early Childhood Development    | 1             | 140               | 1%            | 7%                |
|                             | Manufacturing & Skilled Trades | 18            | 809               | 27%           | 43%               |
| <b>New River</b>            | Health Care                    | 61            | 1,505             | 28%           | 28%               |
|                             | Information Technology         | 45            | 389               | 21%           | 7%                |
|                             | Early Childhood Development    | 14            | 205               | 6%            | 4%                |
|                             | Manufacturing & Skilled Trades | 97            | 3,299             | 45%           | 61%               |
| <b>Northern Virginia</b>    | Health Care                    | 164           | 19,021            | 29%           | 26%               |
|                             | Information Technology         | 295           | 35,311            | 51%           | 49%               |
|                             | Early Childhood Development    | 62            | 4,212             | 11%           | 6%                |

|                    |                                |  |     |        |     |     |
|--------------------|--------------------------------|--|-----|--------|-----|-----|
|                    | Manufacturing & Skilled Trades |  | 46  | 8,085  | 8%  | 11% |
|                    | Public Safety                  |  | 6   | 6,006  | 1%  | 8%  |
| Patrick & Henry    | Health Care                    |  | 69  | 1,146  | 34% | 33% |
|                    | Information Technology         |  | 7   | 107    | 3%  | 3%  |
|                    | Early Childhood Development    |  | 9   | 187    | 4%  | 5%  |
|                    | Manufacturing & Skilled Trades |  | 117 | 2,026  | 58% | 58% |
| Paul D. Camp       | Health Care                    |  | 19  | 239    | 40% | 13% |
|                    | Information Technology         |  | 4   | 50     | 8%  | 3%  |
|                    | Early Childhood Development    |  | 4   | 232    | 8%  | 13% |
|                    | Manufacturing & Skilled Trades |  | 21  | 1,302  | 44% | 71% |
| Piedmont Virginia  | Health Care                    |  | 72  | 3,657  | 65% | 41% |
|                    | Information Technology         |  | 11  | 1,380  | 10% | 16% |
|                    | Early Childhood Development    |  | 2   | 567    | 2%  | 6%  |
|                    | Manufacturing & Skilled Trades |  | 23  | 2,810  | 21% | 32% |
|                    | Public Safety                  |  | 2   | 460    | 2%  | 5%  |
| Rappahannock       | Health Care                    |  | 30  | 528    | 58% | 51% |
|                    | Manufacturing & Skilled Trades |  | 20  | 276    | 38% | 27% |
|                    | Public Safety                  |  | 2   | 228    | 4%  | 22% |
| Southside Virginia | Health Care                    |  | 42  | 1,345  | 37% | 48% |
|                    | Information Technology         |  | 5   | 209    | 4%  | 7%  |
|                    | Early Childhood Development    |  | 2   | 207    | 2%  | 7%  |
|                    | Manufacturing & Skilled Trades |  | 63  | 912    | 56% | 32% |
|                    | Public Safety                  |  | 1   | 145    | 1%  | 5%  |
| Southwest Virginia | Health Care                    |  | 85  | 548    | 35% | 31% |
|                    | Information Technology         |  | 15  | 123    | 6%  | 7%  |
|                    | Early Childhood Development    |  | 6   | 120    | 2%  | 7%  |
|                    | Manufacturing & Skilled Trades |  | 127 | 875    | 53% | 50% |
|                    | Public Safety                  |  | 8   | 100    | 3%  | 6%  |
| Tidewater          | Health Care                    |  | 189 | 9,683  | 37% | 27% |
|                    | Information Technology         |  | 37  | 5,530  | 7%  | 16% |
|                    | Early Childhood Development    |  | 58  | 2,496  | 11% | 7%  |
|                    | Manufacturing & Skilled Trades |  | 189 | 15,698 | 37% | 44% |
|                    | Public Safety                  |  | 40  | 1,996  | 8%  | 6%  |
| Virginia Highlands | Health Care                    |  | 105 | 901    | 49% | 42% |
|                    | Information Technology         |  | 7   | 142    | 3%  | 7%  |
|                    | Manufacturing & Skilled Trades |  | 92  | 938    | 43% | 43% |
|                    | Public Safety                  |  | 9   | 179    | 4%  | 8%  |
| Virginia Peninsula | Health Care                    |  | 96  | 1,322  | 32% | 34% |
|                    | Information Technology         |  | 16  | 715    | 5%  | 18% |
|                    | Early Childhood Development    |  | 4   | 366    | 1%  | 9%  |
|                    | Manufacturing & Skilled Trades |  | 185 | 1,148  | 61% | 29% |
|                    | Public Safety                  |  | 2   | 388    | 1%  | 10% |
| Virginia Western   | Health Care                    |  | 117 | 2,046  | 58% | 24% |
|                    | Information Technology         |  | 24  | 431    | 12% | 5%  |
|                    | Early Childhood Development    |  | 12  | 411    | 6%  | 5%  |
|                    | Manufacturing & Skilled Trades |  | 37  | 5,317  | 18% | 62% |
|                    | Public Safety                  |  | 11  | 344    | 5%  | 4%  |
| Wytheville         | Health Care                    |  | 43  | 213    | 17% | 16% |
|                    | Information Technology         |  | 8   | 92     | 3%  | 7%  |
|                    | Manufacturing & Skilled Trades |  | 184 | 840    | 72% | 62% |
|                    | Public Safety                  |  | 21  | 211    | 8%  | 16% |

**Appendix 13: G3 program completions and job demand by two-digit CIP Family**

|  |  | # Completions  | # Annual Openings | % Completions | % Annual Openings |
|--|--|--|-------------------|---------------|-------------------|
|  | <b>CIP Family</b>  |  |                   |               |                   |
| <b>VCCS</b>  | <b>01. Agriculture, Agriculture Operations, and Related Sciences</b>     | 23   | .                 | 0%            | .                 |
|  | <b>11. Computer and Information Sciences and Support Services</b>        | 564  | 115,150           | 12%           | 23%               |
|  | <b>13. Education</b>   | 47   | 5,962             | 1%            | 1%                |
|  | <b>15. Engineering</b>   | 382  | 75,850            | 8%            | 15%               |
|  | <b>19. Family and Consumer Sciences/Human Sciences</b>                   | 248  | 16,351            | 5%            | 3%                |
|  | <b>43. Security and Protective Services</b>                              | 138  | 36,391            | 3%            | 7%                |
|  | <b>46. Construction Trades</b>   | 460  | 51,361            | 10%           | 10%               |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  | 487  | 46,829            | 10%           | 9%                |
|  | <b>48. Precision Productior</b>  | 552  | 11,622            | 12%           | 2%                |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              | 1,734  | 114,464           | 37%           | 23%               |
|  | <b>52. Business, Management, Marketing, and Related Support Services</b> | 70   | 23,091            | 1%            | 5%                |
|  | <b>Blue Ridge</b>  | <b>01. Agriculture, Agriculture Operations, and Related Sciences</b> | 11                | .             | 6%                |
| <b>11. Computer and Information Sciences and Support Services</b>        |  | 18   | 467               | 10%           | 12%               |
| <b>15. Engineering</b>   |  | 14   | 1,161             | 8%            | 29%               |
| <b>19. Family and Consumer Sciences/Human Sciences</b>                   |  | 2  | 300               | 1%            | 7%                |
| <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 11   | 180               | 6%            | 4%                |
| <b>48. Precision Productior</b>  |  | 30   | 388               | 16%           | 10%               |
| <b>51. Health Professions and Related Clinical Sciences</b>              |  | 97   | 1,515             | 53%           | 38%               |
| <b>52. Business, Management, Marketing, and Related Support Services</b> |  | 26   | .                 | 8%            | .                 |
| <b>Brightpoint</b>   | <b>11. Computer and Information Sciences and Support Services</b>        | 26   | 1,144             | 8%            | 10%               |
|  | <b>15. Engineering</b>   | 18   | 1,122             | 5%            | 10%               |
|  | <b>19. Family and Consumer Sciences/Human Sciences</b>                   | 11   | 780               | 3%            | 7%                |
|  | <b>43. Security and Protective Services</b>                              | 14   | 1,228             | 4%            | 11%               |
|  | <b>46. Construction Trades</b>   | 50   | 2,850             | 15%           | 25%               |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  | 13   | 988               | 4%            | 8%                |
|  | <b>48. Precision Productior</b>  | 4  | 648               | 1%            | 6%                |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              | 172  | 2,869             | 51%           | 25%               |
|  | <b>52. Business, Management, Marketing, and Related Support Services</b> | 26   | .                 | 8%            | .                 |
|  | <b>52. Business, Management, Marketing, and Related Support Services</b> | 26   | .                 | 8%            | .                 |
| <b>Central Virginia</b>  | <b>11. Computer and Information Sciences and Support Services</b>        | 3  | 290               | 2%            | 6%                |
|  | <b>15. Engineering</b>   | 2  | 1,067             | 1%            | 22%               |
|  | <b>43. Security and Protective Services</b>                              | 1  | 264               | 1%            | 6%                |
|  | <b>46. Construction Trades</b>   | 44   | 1,248             | 27%           | 26%               |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  | 19   | 457               | 12%           | 10%               |
|  | <b>48. Precision Productior</b>  | 31   | 358               | 19%           | 7%                |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              | 60   | 1,085             | 37%           | 23%               |
|  | <b>52. Business, Management, Marketing, and Related Support Services</b> | 3  | .                 | 2%            | .                 |
|  | <b>52. Business, Management, Marketing, and Related Support Services</b> | 3  | .                 | 2%            | .                 |
| <b>Danville</b>  | <b>11. Computer and Information Sciences and Support Services</b>        | 1  | 131               | 1%            | 5%                |
|  | <b>15. Engineering</b>   | 25   | 63                | 16%           | 3%                |
|  | <b>19. Family and Consumer Sciences/Human Sciences</b>                   | 16   | 190               | 10%           | 8%                |
|  | <b>43. Security and Protective Services</b>                              | 8  | 172               | 5%            | 7%                |
|  | <b>46. Construction Trades</b>   | 7  | 147               | 4%            | 6%                |

|                             |   |    |       |     |     |
|-----------------------------|---|----|-------|-----|-----|
|                             | 47. Mechanic and Repair Technologies/Technicians                  | 34 | 443   | 21% | 18% |
|                             | 48. Precision Productior  | 44 | 226   | 28% | 9%  |
|                             | 51. Health Professions and Related Clinical Sciences              | 12 | 739   | 8%  | 30% |
|                             | 52. Business, Management, Marketing, and Related Support Services | 13 | 319   | 8%  | 13% |
| <b>Eastern Shore</b>        | 11. Computer and Information Sciences and Support Services        | 1  | 48    | 2%  | 6%  |
|                             | 15. Engineering   | 6  | 21    | 13% | 3%  |
|                             | 19. Family and Consumer Sciences/Human Sciences                   | 3  | 62    | 7%  | 8%  |
|                             | 46. Construction Trades   | 14 | 183   | 31% | 24% |
|                             | 47. Mechanic and Repair Technologies/Technicians                  | 2  | 62    | 4%  | 8%  |
|                             | 48. Precision Productior  | 1  | 61    | 2%  | 8%  |
|                             | 51. Health Professions and Related Clinical Sciences              | 18 | 331   | 40% | 43% |
| <b>Germanna</b>             | 11. Computer and Information Sciences and Support Services        | 40 | 2,292 | 26% | 31% |
|                             | 15. Engineering   | 10 | 71    | 7%  | 1%  |
|                             | 19. Family and Consumer Sciences/Human Sciences                   | 10 | 664   | 7%  | 9%  |
|                             | 43. Security and Protective Services                              | 6  | 703   | 4%  | 10% |
|                             | 46. Construction Trades   | 23 | 1,941 | 15% | 27% |
|                             | 47. Mechanic and Repair Technologies/Technicians                  | 4  | 299   | 3%  | 4%  |
|                             | 51. Health Professions and Related Clinical Sciences              | 60 | 1,343 | 39% | 18% |
| <b>J. Sargeant Reynolds</b> | 11. Computer and Information Sciences and Support Services        | 23 | 1,851 | 14% | 16% |
|                             | 15. Engineering   | 18 | 214   | 11% | 2%  |
|                             | 19. Family and Consumer Sciences/Human Sciences                   | 66 | 1,389 | 39% | 12% |
|                             | 43. Security and Protective Services                              | 4  | 1,241 | 2%  | 11% |
|                             | 47. Mechanic and Repair Technologies/Technicians                  | 1  | 370   | 1%  | 3%  |
|                             | 48. Precision Productior  | 1  | 1,172 | 1%  | 10% |
|                             | 51. Health Professions and Related Clinical Sciences              | 56 | 5,414 | 33% | 46% |
| <b>Laurel Ridge</b>         | 11. Computer and Information Sciences and Support Services        | 54 | 1,563 | 37% | 37% |
|                             | 15. Engineering   | 15 | 131   | 10% | 3%  |
|                             | 19. Family and Consumer Sciences/Human Sciences                   | 8  | 393   | 5%  | 9%  |
|                             | 46. Construction Trades   | 15 | 266   | 10% | 6%  |
|                             | 47. Mechanic and Repair Technologies/Technicians                  | 16 | 615   | 11% | 14% |
|                             | 51. Health Professions and Related Clinical Sciences              | 38 | 1,305 | 26% | 31% |
| <b>Mountain Empire</b>      | 11. Computer and Information Sciences and Support Services        | 9  | 44    | 4%  | 3%  |
|                             | 15. Engineering   | 43 | 322   | 18% | 21% |
|                             | 19. Family and Consumer Sciences/Human Sciences                   | 5  | 106   | 2%  | 7%  |
|                             | 43. Security and Protective Services                              | 3  | 182   | 1%  | 12% |
|                             | 46. Construction Trades   | 50 | 259   | 21% | 17% |
|                             | 47. Mechanic and Repair Technologies/Technicians                  | 4  | 105   | 2%  | 7%  |
|                             | 48. Precision Productior  | 33 | 74    | 14% | 5%  |
|                             | 51. Health Professions and Related Clinical Sciences              | 94 | 281   | 39% | 18% |
|                             | 52. Business, Management, Marketing, and Related Support Services | 2  | 146   | 1%  | 10% |
| <b>Mountain Gateway</b>     | 11. Computer and Information Sciences and Support Services        | 1  | 74    | 1%  | 4%  |
|                             | 19. Family and Consumer Sciences/Human Sciences                   | 1  | 140   | 1%  | 7%  |
|                             | 46. Construction Trades   | 5  | 507   | 7%  | 27% |



|                   |   |     |        |     |     |
|-------------------|---|-----|--------|-----|-----|
|                   | 47. Mechanic and Repair Technologies/Technicians                  | 8   | 162    | 12% | 9%  |
|                   | 48. Precision Productior  | 5   | 140    | 7%  | 7%  |
|                   | 51. Health Professions and Related Clinical Sciences              | 47  | 881    | 70% | 46% |
| New River         | 11. Computer and Information Sciences and Support Services        | 11  | 257    | 5%  | 5%  |
|                   | 15. Engineering   | 63  | 1,263  | 29% | 23% |
|                   | 19. Family and Consumer Sciences/Human Sciences                   | 14  | 205    | 6%  | 4%  |
|                   | 46. Construction Trades   | 21  | 939    | 10% | 17% |
|                   | 47. Mechanic and Repair Technologies/Technicians                  | 21  | 415    | 10% | 8%  |
|                   | 48. Precision Productior  | 20  | 261    | 9%  | 5%  |
|                   | 51. Health Professions and Related Clinical Sciences              | 61  | 1,505  | 28% | 28% |
|                   | 52. Business, Management, Marketing, and Related Support Services | 6   | 555    | 3%  | 10% |
| Northern Virginia | 01. Agriculture, Agriculture Operations, and Related Sciences     | 3   | .      | 1%  | .   |
|                   | 11. Computer and Information Sciences and Support Services        | 295 | 35,311 | 51% | 49% |
|                   | 13. Education   | 22  | .      | 4%  | .   |
|                   | 15. Engineering   | 8   | 495    | 1%  | 1%  |
|                   | 19. Family and Consumer Sciences/Human Sciences                   | 40  | 4,212  | 7%  | 6%  |
|                   | 43. Security and Protective Services                              | 6   | 6,006  | 1%  | 8%  |
|                   | 46. Construction Trades   | 6   | .      | 1%  | .   |
|                   | 47. Mechanic and Repair Technologies/Technicians                  | 29  | 7,590  | 5%  | 10% |
|                   | 51. Health Professions and Related Clinical Sciences              | 161 | 19,021 | 28% | 26% |
|                   | 52. Business, Management, Marketing, and Related Support Services | 3   | .      | 1%  | .   |
| Patrick & Henry   | 11. Computer and Information Sciences and Support Services        | 1   | 83     | 0%  | 2%  |
|                   | 15. Engineering   | 30  | 561    | 15% | 16% |
|                   | 19. Family and Consumer Sciences/Human Sciences                   | 9   | 187    | 4%  | 5%  |
|                   | 46. Construction Trades   | 48  | 667    | 24% | 19% |
|                   | 47. Mechanic and Repair Technologies/Technicians                  | 32  | 394    | 16% | 11% |
|                   | 48. Precision Productior  | 12  | 161    | 6%  | 5%  |
|                   | 51. Health Professions and Related Clinical Sciences              | 69  | 1,146  | 34% | 33% |
|                   | 52. Business, Management, Marketing, and Related Support Services | 1   | 268    | 0%  | 8%  |
| Paul D. Camp      | 15. Engineering   | 5   | 53     | 10% | 3%  |
|                   | 19. Family and Consumer Sciences/Human Sciences                   | 4   | 232    | 8%  | 13% |
|                   | 46. Construction Trades   | 4   | 734    | 8%  | 40% |
|                   | 47. Mechanic and Repair Technologies/Technicians                  | 3   | 388    | 6%  | 21% |
|                   | 48. Precision Productior  | 11  | 176    | 23% | 10% |
|                   | 51. Health Professions and Related Clinical Sciences              | 19  | 239    | 40% | 13% |
|                   | 52. Business, Management, Marketing, and Related Support Services | 2   | .      | 4%  | .   |
| Piedmont Virginia | 11. Computer and Information Sciences and Support Services        | 10  | 1,321  | 9%  | 15% |
|                   | 15. Engineering   | 1   | 59     | 1%  | 1%  |
|                   | 19. Family and Consumer Sciences/Human Sciences                   | 2   | 567    | 2%  | 6%  |
|                   | 43. Security and Protective Services                              | 2   | 460    | 2%  | 5%  |
|                   | 46. Construction Trades   | 11  | 1,711  | 10% | 19% |
|                   | 47. Mechanic and Repair Technologies/Technicians                  | 10  | 693    | 9%  | 8%  |
|                   | 48. Precision Productior  | 2   | 405    | 2%  | 5%  |

|  |  |  |     |       |     |     |     |
|--|--|--|-----|-------|-----|-----|-----|
|  | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 72  | 3,657 | 65% | 41% |     |
| Rappahannock   | <b>43. Security and Protective Services</b>                              |  | 2   | 228   | 4%  | 22% |     |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 1   | 80    | 2%  | 8%  |     |
|  | <b>48. Precision Productor</b>   |  | 19  | 196   | 37% | 19% |     |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 30  | 528   | 58% | 51% |     |
| Southside Virginia   | <b>11. Computer and Information Sciences and Support Services</b>        |  | 3   | 198   | 3%  | 7%  |     |
|  | <b>15. Engineering</b>   |  | 20  | 15    | 18% | 1%  |     |
|  | <b>19. Family and Consumer Sciences/Human Sciences</b>                   |  | 2   | 207   | 2%  | 7%  |     |
|  | <b>43. Security and Protective Services</b>                              |  | 1   | 145   | 1%  | 5%  |     |
|  | <b>46. Construction Trades</b>   |  | 17  | .     | 15% | .   |     |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 21  | 372   | 19% | 13% |     |
|  | <b>48. Precision Productor</b>   |  | 4   | 185   | 4%  | 7%  |     |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 42  | 1,345 | 37% | 48% |     |
|  | <b>52. Business, Management, Marketing, and Related Support Services</b> |  | 3   | 351   | 3%  | 12% |     |
| Southwest Virginia   | <b>11. Computer and Information Sciences and Support Services</b>        |  | 5   | 108   | 2%  | 6%  |     |
|  | <b>15. Engineering</b>   |  | 11  | 275   | 5%  | 16% |     |
|  | <b>19. Family and Consumer Sciences/Human Sciences</b>                   |  | 6   | 120   | 2%  | 7%  |     |
|  | <b>43. Security and Protective Services</b>                              |  | 8   | 100   | 3%  | 6%  |     |
|  | <b>46. Construction Trades</b>   |  | 17  | 325   | 7%  | 18% |     |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 42  | 166   | 17% | 9%  |     |
|  | <b>48. Precision Productor</b>   |  | 67  | 123   | 28% | 7%  |     |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 85  | 548   | 35% | 31% |     |
|  | Tidewater  | <b>01. Agriculture, Agriculture Operations, and Related Sciences</b> |     | 9     | .   | 2%  | .   |
| <b>11. Computer and Information Sciences and Support Services</b>        |  |  | 34  | 5,145 | 7%  | 15% |     |
| <b>13. Education</b>   |  |  | 25  | 869   | 5%  | 2%  |     |
| <b>15. Engineering</b>   |  |  | 10  | 5,309 | 2%  | 15% |     |
| <b>19. Family and Consumer Sciences/Human Sciences</b>                   |  |  | 33  | 1,626 | 6%  | 5%  |     |
| <b>43. Security and Protective Services</b>                              |  |  | 40  | 1,996 | 8%  | 6%  |     |
| <b>46. Construction Trades</b>   |  |  | 5   | 5,860 | 1%  | 17% |     |
| <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  |  | 105 | 3,409 | 20% | 10% |     |
| <b>48. Precision Productor</b>   |  |  | 64  | 1,506 | 12% | 4%  |     |
| <b>51. Health Professions and Related Clinical Sciences</b>              |  |  | 180 | 9,683 | 35% | 27% |     |
| <b>52. Business, Management, Marketing, and Related Support Services</b> |  |  | 8   | .     | 2%  | .   |     |
| Virginia Highlands   |  | <b>11. Computer and Information Sciences and Support Services</b>    |     | 2     | 122 | 1%  | 6%  |
|  |  | <b>15. Engineering</b>   |     | 13    | 526 | 6%  | 24% |
|  | <b>43. Security and Protective Services</b>                              |  | 9   | 179   | 4%  | 8%  |     |
|  | <b>46. Construction Trades</b>   |  | 26  | 66    | 12% | 3%  |     |
|  | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 29  | 224   | 14% | 10% |     |
|  | <b>48. Precision Productor</b>   |  | 29  | 144   | 14% | 7%  |     |
|  | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 105 | 901   | 49% | 42% |     |
| Virginia Peninsula   | <b>11. Computer and Information Sciences and Support Services</b>        |  | 11  | 621   | 4%  | 16% |     |
|  | <b>15. Engineering</b>   |  | 8   | 105   | 3%  | 3%  |     |
|  | <b>19. Family and Consumer Sciences/Human Sciences</b>                   |  | 4   | 366   | 1%  | 9%  |     |
|  | <b>43. Security and Protective Services</b>                              |  | 2   | 388   | 1%  | 10% |     |
|  | <b>46. Construction Trades</b>   |  | 20  | 221   | 7%  | 6%  |     |

|                         |  |  |     |       |     |     |
|-------------------------|--|--|-----|-------|-----|-----|
|                         | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 28  | 579   | 9%  | 15% |
|                         | <b>48. Precision Productior</b>  |  | 134 | 336   | 44% | 9%  |
|                         | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 96  | 1,322 | 32% | 34% |
| <b>Virginia Western</b> | <b>11. Computer and Information Sciences and Support Services</b>        |  | 11  | 310   | 5%  | 4%  |
|                         | <b>15. Engineering</b>   |  | 22  | 1,628 | 11% | 19% |
|                         | <b>19. Family and Consumer Sciences/Human Sciences</b>                   |  | 12  | 411   | 6%  | 5%  |
|                         | <b>43. Security and Protective Services</b>                              |  | 11  | 344   | 5%  | 4%  |
|                         | <b>46. Construction Trades</b>   |  | 4   | 1,922 | 2%  | 22% |
|                         | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 6   | 594   | 3%  | 7%  |
|                         | <b>48. Precision Productior</b>  |  | 15  | 465   | 7%  | 5%  |
|                         | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 117 | 2,046 | 58% | 24% |
|                         | <b>52. Business, Management, Marketing, and Related Support Services</b> |  | 3   | 829   | 1%  | 10% |
| <b>Wytheville</b>       | <b>11. Computer and Information Sciences and Support Services</b>        |  | 5   | 68    | 2%  | 5%  |
|                         | <b>15. Engineering</b>   |  | 40  | 29    | 16% | 2%  |
|                         | <b>43. Security and Protective Services</b>                              |  | 21  | 211   | 8%  | 16% |
|                         | <b>46. Construction Trades</b>   |  | 73  | 477   | 29% | 35% |
|                         | <b>47. Mechanic and Repair Technologies/Technicians</b>                  |  | 48  | 207   | 19% | 15% |
|                         | <b>48. Precision Productior</b>  |  | 26  | 150   | 10% | 11% |
|                         | <b>51. Health Professions and Related Clinical Sciences</b>              |  | 43  | 213   | 17% | 16% |

**Appendix 14: G3 program completions and job demand by CIP code**

college=VCCS Total

| CIP     | Description   | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|---|---------------|-------------------|---------------|-------------------|
| 01.8301 | Veterinary/Animal Health Technology/Technician and Veterinary Assistant       | 23            | .                 | 0%            | .                 |
| 11.0101 | Computer and Information Sciences, General                                    | 153           | 25,250            | 3%            | 5%                |
| 11.0103 | Information Technology  | 114           | 23,352            | 2%            | 5%                |
| 11.0202 | Computer Programming, Specific Applications                                   | 1             | .                 | 0%            | .                 |
| 11.0203 | Computer Programming, Vendor/Product Certification                            | 6             | .                 | 0%            | .                 |
| 11.0701 | Computer Science  | 2             | 25,034            | 0%            | 5%                |
| 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                 | 9             | 3,874             | 0%            | 1%                |
| 11.0901 | Computer Systems Networking and Telecommunications                            | 1             | 15,014            | 0%            | 3%                |
| 11.0902 | Cloud Computing   | 26            | .                 | 1%            | .                 |
| 11.1001 | Network and System Administration/Administrator                               | 1             | 8,628             | 0%            | 2%                |
| 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance      | 242           | 13,997            | 5%            | 3%                |
| 11.1005 | Information Technology Project Management                                     | 5             | .                 | 0%            | .                 |
| 11.1099 | Computer/Information Technology Services Administration and Management, Other | 3             | .                 | 0%            | .                 |
| 11.9999 | Computer and Information Sciences and Support Services, Other                 | 1             | .                 | 0%            | .                 |
| 13.1210 | Early Childhood Education and Teaching  | 22            | .                 | 0%            | .                 |
| 13.1501 | Teacher Assistant/Aide  | 25            | 5,962             | 1%            | 1%                |
| 15.0000 | Engineering Technologies/Technicians, General                                 | 15            | 1,934             | 0%            | 0%                |
| 15.0001 | Applied Engineering Technologies/Technicians                                  | 3             | .                 | 0%            | .                 |
| 15.0101 | Architectural Engineering Technologies/Technicians                            | 1             | 3,147             | 0%            | 1%                |
| 15.0201 | Civil Engineering Technologies/Technicians                                    | 3             | 2,098             | 0%            | 0%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician  | 168           | 2,074             | 4%            | 0%                |
| 15.0599 | Environmental Control Technologies/Technicians, Other                         | 25            | 16,880            | 1%            | 3%                |
| 15.0612 | Industrial Technology/Technician  | 20            | 623               | 0%            | 0%                |
| 15.0613 | Manufacturing Engineering Technology/Technician                               | 39            | 47,707            | 1%            | 10%               |
| 15.0699 | Industrial Production Technologies/Technicians, Other                         | 36            | 189               | 1%            | 0%                |
| 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                | 4             | 80                | 0%            | 0%                |
| 15.0901 | Mining Technology/Technician  | 2             | 510               | 0%            | 0%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                         | 16            | 609               | 0%            | 0%                |
| 15.1701 | Energy Systems Technology/Technician  | 50            | .                 | 1%            | .                 |
| 19.0707 | Family and Community Services   | 2             | 3,335             | 0%            | 1%                |
| 19.0709 | Child Care Provider/Assistant   | 239           | 13,015            | 5%            | 3%                |
| 19.0799 | Human Development, Family Studies, and Related Services, Other                | 7             | .                 | 0%            | .                 |
| 43.0102 | Corrections   | 3             | 2,169             | 0%            | 0%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration                               | 119           | 14,892            | 3%            | 3%                |
| 43.0199 | Corrections and Criminal Justice, Other                                       | 4             | .                 | 0%            | .                 |
| 43.0203 | Fire Science/Fire-fighting  | 2             | 1,380             | 0%            | 0%                |
| 43.0406 | Forensic Science and Technology   | 6             | 1,751             | 0%            | 0%                |

|         |  |  |     |        |     |    |
|---------|--|--|-----|--------|-----|----|
| 43.9999 | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other    |  | 4   | 16,198 | 0%  | 3% |
| 46.0000 | Construction Trades, General   |  | 205 | 42,587 | 4%  | 9% |
| 46.0201 | Carpentry/Carpenter  |  | 3   | .      | 0%  | .  |
| 46.0301 | Electrical and Power Transmission Installation/Installer, General                          |  | 65  | .      | 1%  | .  |
| 46.0302 | Electrician  |  | 167 | 8,774  | 4%  | 2% |
| 46.0401 | Building/Property Maintenance  |  | 7   | .      | 0%  | .  |
| 46.0412 | Building/Construction Site Management/Manager  |  | 7   | .      | 0%  | .  |
| 46.0503 | Plumbing Technology/Plumber  |  | 6   | .      | 0%  | .  |
| 47.0000 | Mechanics and Repairers, General   |  | 2   | 596    | 0%  | 0% |
| 47.0101 | Electrical/Electronics Equipment Installation and Repair Technology/Technician, General    |  | 1   | 8,379  | 0%  | 2% |
| 47.0105 | Industrial Electronics Technology/Technician   |  | 44  | 7,966  | 1%  | 2% |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |  | 164 | 19,983 | 3%  | 4% |
| 47.0302 | Heavy Equipment Maintenance Technology/Technician  |  | 34  | .      | 1%  | .  |
| 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 |  | 5   | .      | 0%  | .  |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      |  | 197 | 5,102  | 4%  | 1% |
| 47.0605 | Diesel Mechanics Technology/Technician   |  | 10  | 3,927  | 0%  | 1% |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician                          |  | 4   | 874    | 0%  | 0% |
| 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            |  | 19  | .      | 0%  | .  |
| 47.0699 | Vehicle Maintenance and Repair Technologies/Technicians, Other                             |  | 6   | .      | 0%  | .  |
| 47.0703 | Solar Energy System Installation and Repair Technology/Technician                          |  | 1   | .      | 0%  | .  |
| 48.0000 | Precision Production Trades, General   |  | 2   | 512    | 0%  | 0% |
| 48.0506 | Sheet Metal Technology/Sheetworking  |  | 2   | .      | 0%  | .  |
| 48.0508 | Welding Technology/Welder  |  | 489 | 11,077 | 10% | 2% |
| 48.0599 | Precision Metal Working, Other   |  | 59  | 33     | 1%  | 0% |
| 51.0601 | Dental Assisting/Assistant   |  | 13  | 1,506  | 0%  | 0% |
| 51.0602 | Dental Hygiene/Hygienist   |  | 26  | 539    | 1%  | 0% |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   |  | 55  | 8,617  | 1%  | 2% |
| 51.0710 | Medical Office Assistant/Specialist  |  | 2   | .      | 0%  | .  |
| 51.0713 | Medical Insurance Coding Specialist/Coder  |  | 88  | 8,407  | 2%  | 2% |
| 51.0799 | Health and Medical Administrative Services, Other  |  | 25  | 19,599 | 1%  | 4% |
| 51.0801 | Medical/Clinical Assistant   |  | 325 | 2,950  | 7%  | 1% |
| 51.0803 | Occupational Therapist Assistant   |  | 20  | 254    | 0%  | 0% |
| 51.0805 | Pharmacy Technician/Assistant  |  | 6   | 1,230  | 0%  | 0% |
| 51.0806 | Physical Therapy Assistant   |  | 38  | 739    | 1%  | 0% |
| 51.0902 | Electrocardiograph Technology/Technician   |  | 12  | .      | 0%  | .  |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    |  | 65  | 3,698  | 1%  | 1% |
| 51.0907 | Medical Radiologic Technology/Science - Radiation Therapist                                |  | 8   | 510    | 0%  | 0% |
| 51.0908 | Respiratory Care Therapy/Therapist   |  | 23  | 567    | 0%  | 0% |
| 51.0909 | Surgical Technology/Technologist   |  | 3   | 805    | 0%  | 0% |
| 51.0910 | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician                        |  | 16  | 512    | 0%  | 0% |
| 51.0911 | Radiologic Technology/Science - Radiographer   |  | 28  | 845    | 1%  | 0% |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   |  | 96  | 19,329 | 2%  | 4% |

|         |   |  |     |        |    |    |
|---------|---|--|-----|--------|----|----|
| 51.1004 | Clinical/Medical Laboratory Technician                          |  | 49  | 997    | 1% | 0% |
| 51.1009 | Phlebotomy Technician/Phlebotomist                              |  | 247 | 1,566  | 5% | 0% |
| 51.1501 | Substance Abuse/Addiction Counseling                            |  | 3   | 4,266  | 0% | 1% |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other |  | 104 | 4,266  | 2% | 1% |
| 51.1801 | Opticianry/Ophthalmic Dispensing Optician                       |  | 3   | 307    | 0% | 0% |
| 51.2603 | Medication Aide   |  | 8   | .      | 0% | .  |
| 51.3501 | Massage Therapy/Therapeutic Massage                             |  | 4   | 809    | 0% | 0% |
| 51.3801 | Registered Nursing/Registered Nurse                             |  | 265 | 8,553  | 6% | 2% |
| 51.3901 | Licensed Practical/Vocational Nurse Training                    |  | 90  | 2,111  | 2% | 0% |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide          |  | 111 | 21,481 | 2% | 4% |
| 51.9999 | Health Professions and Related Clinical Sciences, Other         |  | 1   | .      | 0% | .  |
| 52.0203 | Logistics, Materials, and Supply Chain Management               |  | 36  | .      | 1% | .  |
| 52.0499 | Business Operations Support and Secretarial Services, Other     |  | 27  | 23,091 | 1% | 5% |
| 52.1001 | Human Resources Management/Personnel Administration, General    |  | 1   | .      | 0% | .  |
| 52.1005 | Human Resources Development                                     |  | 4   | .      | 0% | .  |
| 52.2001 | Construction Management, General                                |  | 2   | .      | 0% | .  |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Blue Ridge

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 01.8301 | Veterinary/Animal Health Technology/Technician and Veterinary Assistant      | 11            | .                 | 6%            | .                 |
| 11.0101 | Computer and Information Sciences, General                                   | 7             | 211               | 4%            | 5%                |
| 11.0103 | Information Technology   | 8             | 200               | 4%            | 5%                |
| 11.0202 | Computer Programming, Specific Applications                                  | 1             | .                 | 1%            | .                 |
| 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                | 1             | 56                | 1%            | 1%                |
| 11.0902 | Cloud Computing  | 1             | .                 | 1%            | .                 |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician | 8             | 67                | 4%            | 2%                |
| 15.0613 | Manufacturing Engineering Technology/Technician                              | 5             | 1,076             | 3%            | 27%               |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                        | 1             | 19                | 1%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 2             | 300               | 1%            | 7%                |
| 47.0302 | Heavy Equipment Maintenance Technology/Technician                            | 1             | .                 | 1%            | .                 |
| 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                   | 1             | .                 | 1%            | .                 |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                        | 5             | 170               | 3%            | 4%                |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician            | 4             | 10                | 2%            | 0%                |
| 48.0506 | Sheet Metal Technology/Sheetworking  | 2             | .                 | 1%            | .                 |
| 48.0508 | Welding Technology/Welder  | 25            | 388               | 14%           | 10%               |
| 48.0599 | Precision Metal Working, Other   | 3             | 0                 | 2%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                     | 1             | 126               | 1%            | 3%                |
| 51.0710 | Medical Office Assistant/Specialist  | 1             | .                 | 1%            | .                 |
| 51.0713 | Medical Insurance Coding Specialist/Coder                                    | 4             | 182               | 2%            | 5%                |
| 51.0801 | Medical/Clinical Assistant   | 31            | 66                | 17%           | 2%                |
| 51.0902 | Electrocardiograph Technology/Technician                                     | 8             | .                 | 4%            | .                 |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                      | 1             | 96                | 1%            | 2%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 22            | 25                | 12%           | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other              | 9             | 106               | 5%            | 3%                |
| 51.2603 | Medication Aide  | 3             | .                 | 2%            | .                 |
| 51.3801 | Registered Nursing/Registered Nurse  | 10            | 232               | 5%            | 6%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 7             | 682               | 4%            | 17%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Brightpoint

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 12            | 534               | 4%            | 5%                |
| 11.0103 | Information Technology   | 10            | 495               | 3%            | 4%                |
| 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                              | 1             | 115               | 0%            | 1%                |
| 11.0902 | Cloud Computing  | 3             | .                 | 1%            | .                 |
| 15.0101 | Architectural Engineering Technologies/Technicians   | 1             | 179               | 0%            | 2%                |
| 15.0201 | Civil Engineering Technologies/Technicians   | 2             | 111               | 1%            | 1%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 12            | 73                | 4%            | 1%                |
| 15.0599 | Environmental Control Technologies/Technicians, Other                                      | 1             | 746               | 0%            | 6%                |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 1             | 9                 | 0%            | 0%                |
| 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 1             | 4                 | 0%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 11            | 780               | 3%            | 7%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 10            | 625               | 3%            | 5%                |
| 43.9999 | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other    | 4             | 603               | 1%            | 5%                |
| 46.0000 | Construction Trades, General   | 36            | 2,348             | 11%           | 20%               |
| 46.0302 | Electrician  | 14            | 503               | 4%            | 4%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 13            | 988               | 4%            | 8%                |
| 48.0000 | Precision Production Trades, General   | 2             | 31                | 1%            | 0%                |
| 48.0508 | Welding Technology/Welder  | 2             | 616               | 1%            | 5%                |
| 51.0713 | Medical Insurance Coding Specialist/Coder  | 10            | 379               | 3%            | 3%                |
| 51.0801 | Medical/Clinical Assistant   | 61            | 138               | 18%           | 1%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1             | 178               | 0%            | 2%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 34            | 70                | 10%           | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 17            | 401               | 5%            | 3%                |
| 51.3501 | Massage Therapy/Therapeutic Massage  | 1             | 42                | 0%            | 0%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 24            | 434               | 7%            | 4%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 3             | 112               | 1%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 21            | 1,115             | 6%            | 10%               |
| 52.0203 | Logistics, Materials, and Supply Chain Management  | 26            | .                 | 8%            | .                 |



**Appendix 14: G3 program completions and job demand by CIP code**

college=Central Virginia

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 3             | 290               | 2%            | 6%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1             | 68                | 1%            | 1%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 1             | 999               | 1%            | 21%               |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 1             | 264               | 1%            | 6%                |
| 46.0000 | Construction Trades, General   | 23            | 1,049             | 14%           | 22%               |
| 46.0302 | Electrician  | 21            | 199               | 13%           | 4%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 19            | 457               | 12%           | 10%               |
| 48.0508 | Welding Technology/Welder  | 21            | 356               | 13%           | 7%                |
| 48.0599 | Precision Metal Working, Other   | 10            | 1                 | 6%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 2             | 161               | 1%            | 3%                |
| 51.0801 | Medical/Clinical Assistant   | 24            | 98                | 15%           | 2%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 13            | 107               | 8%            | 2%                |
| 51.0908 | Respiratory Care Therapy/Therapist   | 6             | 12                | 4%            | 0%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 3             | 20                | 2%            | 0%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 3             | 32                | 2%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 9             | 656               | 6%            | 14%               |
| 52.1001 | Human Resources Management/Personnel Administration, General                               | 1             | .                 | 1%            | .                 |
| 52.1005 | Human Resources Development  | 2             | .                 | 1%            | .                 |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Danville

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 1             | 131               | 1%            | 5%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 9             | 43                | 6%            | 2%                |
| 15.0612 | Industrial Technology/Technician   | 4             | 11                | 3%            | 0%                |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      |               |                   |               |                   |
|         |  | 12            | 10                | 8%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 16            | 190               | 10%           | 8%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 8             | 172               | 5%            | 7%                |
| 46.0302 | Electrician  | 7             | 147               | 4%            | 6%                |
| 47.0105 | Industrial Electronics Technology/Technician   | 20            | 118               | 13%           | 5%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |               |                   |               |                   |
|         |  | 5             | 230               | 3%            | 9%                |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      |               |                   |               |                   |
|         |  | 9             | 95                | 6%            | 4%                |
| 48.0508 | Welding Technology/Welder  | 22            | 225               | 14%           | 9%                |
| 48.0599 | Precision Metal Working, Other   | 22            | 1                 | 14%           | 0%                |
| 51.0601 | Dental Assisting/Assistant   | 1             | 19                | 1%            | 1%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   |               |                   |               |                   |
|         |  | 3             | 68                | 2%            | 3%                |
| 51.0799 | Health and Medical Administrative Services, Other  |               |                   |               |                   |
|         |  | 2             | 180               | 1%            | 7%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   |               |                   |               |                   |
|         |  | 2             | 449               | 1%            | 18%               |
| 51.1004 | Clinical/Medical Laboratory Technician   | 4             | 24                | 3%            | 1%                |
| 52.0499 | Business Operations Support and Secretarial Services, Other                                |               |                   |               |                   |
|         |  | 13            | 319               | 8%            | 13%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Eastern Shore

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0103 | Information Technology   | 1             | 48                | 2%            | 6%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician | 2             | 16                | 4%            | 2%                |
| 15.0612 | Industrial Technology/Technician   | 3             | 4                 | 7%            | 0%                |
| 15.0699 | Industrial Production Technologies/Technicians, Other                        | 1             | 2                 | 2%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 3             | 62                | 7%            | 8%                |
| 46.0000 | Construction Trades, General   | 14            | 183               | 31%           | 24%               |
| 47.0105 | Industrial Electronics Technology/Technician                                 | 2             | 62                | 4%            | 8%                |
| 48.0508 | Welding Technology/Welder  | 1             | 61                | 2%            | 8%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                     | 3             | 21                | 7%            | 3%                |
| 51.0799 | Health and Medical Administrative Services, Other                            | 2             | 69                | 4%            | 9%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 1             | 129               | 2%            | 17%               |
| 51.3901 | Licensed Practical/Vocational Nurse Training                                 | 4             | 5                 | 9%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 8             | 105               | 18%           | 14%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Germannanna

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General                                   | 17            | 926               | 11%           | 13%               |
| 11.0103 | Information Technology   | 3             | 857               | 2%            | 12%               |
| 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance     | 20            | 509               | 13%           | 7%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician | 9             | 53                | 6%            | 1%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                        | 1             | 18                | 1%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 10            | 664               | 7%            | 9%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration                              | 6             | 703               | 4%            | 10%               |
| 46.0000 | Construction Trades, General   | 17            | 1,664             | 11%           | 23%               |
| 46.0302 | Electrician  | 2             | 277               | 1%            | 4%                |
| 46.0503 | Plumbing Technology/Plumber  | 4             | .                 | 3%            | .                 |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                        | 4             | 299               | 3%            | 4%                |
| 51.0601 | Dental Assisting/Assistant   | 2             | 70                | 1%            | 1%                |
| 51.0801 | Medical/Clinical Assistant   | 4             | 133               | 3%            | 2%                |
| 51.0806 | Physical Therapy Assistant   | 8             | 33                | 5%            | 0%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 22            | 730               | 14%           | 10%               |
| 51.3801 | Registered Nursing/Registered Nurse  | 22            | 311               | 14%           | 4%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training                                 | 2             | 66                | 1%            | 1%                |

**Appendix 14: G3 program completions and job demand by CIP code**

college=J. Sargeant Reynolds

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 11.0101 | Computer and Information Sciences, General                                   | 23            | 1,851             | 14%           | 16%               |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician | 17            | 155               | 10%           | 1%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                        | 1             | 60                | 1%            | 1%                |
| 19.0709 | Child Care Provider/Assistant  | 66            | 1,389             | 39%           | 12%               |
| 43.0103 | Criminal Justice/Law Enforcement Administration                              | 4             | 1,241             | 2%            | 11%               |
| 47.0605 | Diesel Mechanics Technology/Technician                                       | 1             | 370               | 1%            | 3%                |
| 48.0508 | Welding Technology/Welder  | 1             | 1,172             | 1%            | 10%               |
| 51.0601 | Dental Assisting/Assistant   | 3             | 143               | 2%            | 1%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                     | 5             | 814               | 3%            | 7%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                      | 3             | 362               | 2%            | 3%                |
| 51.0908 | Respiratory Care Therapy/Therapist   | 7             | 76                | 4%            | 1%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 2             | 2,019             | 1%            | 17%               |
| 51.1004 | Clinical/Medical Laboratory Technician                                       | 4             | 164               | 2%            | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other              | 11            | 713               | 7%            | 6%                |
| 51.1801 | Opticianry/Ophthalmic Dispensing Optician                                    | 3             | 27                | 2%            | 0%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 14            | 901               | 8%            | 8%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training                                 | 4             | 195               | 2%            | 2%                |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Laurel Ridge

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 9             | 450               | 6%            | 11%               |
| 11.0103 | Information Technology   | 33            | 407               | 23%           | 10%               |
| 11.0203 | Computer Programming, Vendor/Product Certification   | 1             | .                 | 1%            | .                 |
| 11.0701 | Computer Science   | 2             | 438               | 1%            | 10%               |
| 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance                   | 4             | 267               | 3%            | 6%                |
| 11.1005 | Information Technology Project Management  | 5             | .                 | 3%            | .                 |
| 15.0000 | Engineering Technologies/Technicians, General  | 2             | 49                | 1%            | 1%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 12            | 64                | 8%            | 2%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1             | 17                | 1%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 8             | 393               | 5%            | 9%                |
| 46.0302 | Electrician  | 12            | 266               | 8%            | 6%                |
| 46.0412 | Building/Construction Site Management/Manager  | 1             | .                 | 1%            | .                 |
| 46.0503 | Plumbing Technology/Plumber  | 2             | .                 | 1%            | .                 |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 15            | 615               | 10%           | 14%               |
| 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1             | .                 | 1%            | .                 |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 1             | 195               | 1%            | 5%                |
| 51.0799 | Health and Medical Administrative Services, Other  | 4             | 540               | 3%            | 13%               |
| 51.0801 | Medical/Clinical Assistant   | 6             | 103               | 4%            | 2%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1             | 99                | 1%            | 2%                |
| 51.0909 | Surgical Technology/Technologist   | 1             | 15                | 1%            | 0%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 1             | 18                | 1%            | 0%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 9             | 32                | 6%            | 1%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 11            | 232               | 8%            | 5%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 4             | 71                | 3%            | 2%                |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Mountain Empire

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 11.0101 | Computer and Information Sciences, General   | 9             | 44                | 4%            | 3%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 12            | 6                 | 5%            | 0%                |
| 15.0599 | Environmental Control Technologies/Technicians, Other                                      | 20            | 75                | 8%            | 5%                |
| 15.0612 | Industrial Technology/Technician   | 3             | 2                 | 1%            | 0%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 2             | 225               | 1%            | 15%               |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 4             | 1                 | 2%            | 0%                |
| 15.0901 | Mining Technology/Technician   | 2             | 14                | 1%            | 1%                |
| 19.0709 | Child Care Provider/Assistant  | 5             | 106               | 2%            | 7%                |
| 43.0102 | Corrections  | 1             | 91                | 0%            | 6%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 2             | 91                | 1%            | 6%                |
| 46.0000 | Construction Trades, General   | 32            | 259               | 13%           | 17%               |
| 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 18            | .                 | 7%            | .                 |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 4             | 105               | 2%            | 7%                |
| 48.0508 | Welding Technology/Welder  | 33            | 74                | 14%           | 5%                |
| 51.0601 | Dental Assisting/Assistant   | 6             | 5                 | 2%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 3             | 29                | 1%            | 2%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 10            | 29                | 4%            | 2%                |
| 51.0908 | Respiratory Care Therapy/Therapist   | 7             | 3                 | 3%            | 0%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 28            | 136               | 12%           | 9%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 10            | 6                 | 4%            | 0%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 10            | 46                | 4%            | 3%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 19            | 27                | 8%            | 2%                |
| 51.9999 | Health Professions and Related Clinical Sciences, Other                                    | 1             | .                 | 0%            | .                 |
| 52.0499 | Business Operations Support and Secretarial Services, Other                                | 2             | 146               | 1%            | 10%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Mountain Gateway

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 1             | 74                | 1%            | 4%                |
| 19.0709 | Child Care Provider/Assistant  | 1             | 140               | 1%            | 7%                |
| 46.0000 | Construction Trades, General   | 3             | 429               | 4%            | 23%               |
| 46.0302 | Electrician  | 2             | 78                | 3%            | 4%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7             | 162               | 10%           | 9%                |
| 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 1             | .                 | 1%            | .                 |
| 48.0508 | Welding Technology/Welder  | 5             | 140               | 7%            | 7%                |
| 51.0801 | Medical/Clinical Assistant   | 1             | 29                | 1%            | 2%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2             | 39                | 3%            | 2%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 10            | 343               | 15%           | 18%               |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 13            | 16                | 19%           | 1%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 9             | 134               | 13%           | 7%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 6             | 42                | 9%            | 2%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 6             | 278               | 9%            | 15%               |



**Appendix 14: G3 program completions and job demand by CIP code**

college=New River

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 11.0101 | Computer and Information Sciences, General                                   | 11            | 257               | 5%            | 5%                |
| 15.0000 | Engineering Technologies/Technicians, General                                | 6             | 57                | 3%            | 1%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician | 34            | 133               | 16%           | 2%                |
| 15.0599 | Environmental Control Technologies/Technicians, Other                        | 4             | 202               | 2%            | 4%                |
| 15.0613 | Manufacturing Engineering Technology/Technician                              | 12            | 835               | 6%            | 15%               |
| 15.0699 | Industrial Production Technologies/Technicians, Other                        | 1             | 19                | 0%            | 0%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                        | 6             | 17                | 3%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 14            | 205               | 6%            | 4%                |
| 46.0000 | Construction Trades, General   | 1             | 795               | 0%            | 15%               |
| 46.0302 | Electrician  | 18            | 143               | 8%            | 3%                |
| 46.0401 | Building/Property Maintenance  | 2             | .                 | 1%            | .                 |
| 47.0105 | Industrial Electronics Technology/Technician                                 | 12            | 300               | 6%            | 6%                |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                        | 9             | 115               | 4%            | 2%                |
| 48.0508 | Welding Technology/Welder  | 13            | 260               | 6%            | 5%                |
| 48.0599 | Precision Metal Working, Other   | 7             | 1                 | 3%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                     | 8             | 138               | 4%            | 3%                |
| 51.0799 | Health and Medical Administrative Services, Other                            | 6             | 313               | 3%            | 6%                |
| 51.0801 | Medical/Clinical Assistant   | 7             | 44                | 3%            | 1%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other     | 5             | 339               | 2%            | 6%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 3             | 26                | 1%            | 0%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other              | 7             | 112               | 3%            | 2%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 19            | 143               | 9%            | 3%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training                                 | 5             | 66                | 2%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                       | 1             | 325               | 0%            | 6%                |
| 52.0499 | Business Operations Support and Secretarial Services, Other                  | 5             | 555               | 2%            | 10%               |
| 52.1005 | Human Resources Development  | 1             | .                 | 0%            | .                 |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Northern Virginia

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 01.8301 | Veterinary/Animal Health Technology/Technician and Veterinary Assistant                    | 3             | .                 | 1%            | .                 |
| 11.0101 | Computer and Information Sciences, General   | 11            | 12,123            | 2%            | 17%               |
| 11.0103 | Information Technology   | 53            | 11,213            | 9%            | 15%               |
| 11.0203 | Computer Programming, Vendor/Product Certification   | 5             | .                 | 1%            | .                 |
| 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                              | 5             | 1,673             | 1%            | 2%                |
| 11.0902 | Cloud Computing  | 22            | .                 | 4%            | .                 |
| 11.1001 | Network and System Administration/Administrator  | 1             | 4,010             | 0%            | 6%                |
| 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance                   | 194           | 6,292             | 34%           | 9%                |
| 11.1099 | Computer/Information Technology Services Administration and Management, Other              | 3             | .                 | 1%            | .                 |
| 11.9999 | Computer and Information Sciences and Support Services, Other                              | 1             | .                 | 0%            | .                 |
| 13.1210 | Early Childhood Education and Teaching   | 22            | .                 | 4%            | .                 |
| 15.0000 | Engineering Technologies/Technicians, General  | 5             | 495               | 1%            | 1%                |
| 15.0001 | Applied Engineering Technologies/Technicians   | 3             | .                 | 1%            | .                 |
| 19.0709 | Child Care Provider/Assistant  | 33            | 4,212             | 6%            | 6%                |
| 19.0799 | Human Development, Family Studies, and Related Services, Other                             | 7             | .                 | 1%            | .                 |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 2             | 6,006             | 0%            | 8%                |
| 43.0199 | Corrections and Criminal Justice, Other  | 4             | .                 | 1%            | .                 |
| 46.0412 | Building/Construction Site Management/Manager  | 6             | .                 | 1%            | .                 |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 9             | 6,329             | 2%            | 9%                |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 14            | 1,261             | 2%            | 2%                |
| 47.0699 | Vehicle Maintenance and Repair Technologies/Technicians, Other                             | 6             | .                 | 1%            | .                 |
| 51.0601 | Dental Assisting/Assistant   | 1             | 558               | 0%            | 1%                |
| 51.0602 | Dental Hygiene/Hygienist   | 5             | 194               | 1%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 1             | 3,248             | 0%            | 4%                |
| 51.0713 | Medical Insurance Coding Specialist/Coder  | 32            | 2,565             | 6%            | 4%                |
| 51.0801 | Medical/Clinical Assistant   | 58            | 952               | 10%           | 1%                |
| 51.0803 | Occupational Therapist Assistant   | 3             | 70                | 1%            | 0%                |
| 51.0806 | Physical Therapy Assistant   | 3             | 195               | 1%            | 0%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1             | 1,127             | 0%            | 2%                |
| 51.0910 | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician                        | 4             | 141               | 1%            | 0%                |
| 51.0911 | Radiologic Technology/Science - Radiographer   | 1             | 225               | 0%            | 0%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 2             | 279               | 0%            | 0%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 16            | 412               | 3%            | 1%                |
| 51.1501 | Substance Abuse/Addiction Counseling   | 2             | 903               | 0%            | 1%                |
| 51.3501 | Massage Therapy/Therapeutic Massage  | 3             | 255               | 1%            | 0%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 22            | 2,092             | 4%            | 3%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 7             | 5,805             | 1%            | 8%                |
| 52.1005 | Human Resources Development  | 1             | .                 | 0%            | .                 |

|         |                                  |  |   |   |    |   |
|---------|----------------------------------|--|---|---|----|---|
| 52.2001 | Construction Management, General |  | 2 | . | 0% | . |
|---------|----------------------------------|--|---|---|----|---|

**Appendix 14: G3 program completions and job demand by CIP code**

college=Patrick & Henry

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 1             | 83                | 0%            | 2%                |
| 15.0000 | Engineering Technologies/Technicians, General  | 2             | 16                | 1%            | 0%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 6             | 24                | 3%            | 1%                |
| 15.0612 | Industrial Technology/Technician   | 2             | 5                 | 1%            | 0%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 8             | 502               | 4%            | 14%               |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 11            | 4                 | 5%            | 0%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 1             | 11                | 0%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 9             | 187               | 4%            | 5%                |
| 46.0000 | Construction Trades, General   | 37            | 574               | 18%           | 17%               |
| 46.0302 | Electrician  | 11            | 93                | 5%            | 3%                |
| 47.0105 | Industrial Electronics Technology/Technician   | 10            | 130               | 5%            | 4%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 15            | 197               | 7%            | 6%                |
| 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1             | .                 | 0%            | .                 |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 6             | 67                | 3%            | 2%                |
| 48.0508 | Welding Technology/Welder  | 12            | 161               | 6%            | 5%                |
| 51.0799 | Health and Medical Administrative Services, Other  | 1             | 169               | 0%            | 5%                |
| 51.0801 | Medical/Clinical Assistant   | 33            | 23                | 16%           | 1%                |
| 51.0806 | Physical Therapy Assistant   | 8             | 13                | 4%            | 0%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 8             | 51                | 4%            | 1%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 2             | 229               | 1%            | 7%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 5             | 9                 | 2%            | 0%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 2             | 94                | 1%            | 3%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 7             | 38                | 3%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 3             | 520               | 1%            | 15%               |
| 52.0499 | Business Operations Support and Secretarial Services, Other                                | 1             | 268               | 0%            | 8%                |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Paul D. Camp

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 4             | 50                | 8%            | 3%                |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 1             | 3                 | 2%            | 0%                |
| 19.0707 | Family and Community Services  | 2             | 42                | 4%            | 2%                |
| 19.0709 | Child Care Provider/Assistant  | 2             | 190               | 4%            | 10%               |
| 46.0000 | Construction Trades, General   | 3             | 605               | 6%            | 33%               |
| 46.0302 | Electrician  | 1             | 129               | 2%            | 7%                |
| 47.0101 | Electrical/Electronics Equipment Installation and Repair Technology/Technician, General    | 1             | 136               | 2%            | 7%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 1             | 252               | 2%            | 14%               |
| 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 1             | .                 | 2%            | .                 |
| 48.0508 | Welding Technology/Welder  | 11            | 176               | 23%           | 10%               |
| 51.0801 | Medical/Clinical Assistant   | 1             | 47                | 2%            | 3%                |
| 51.0902 | Electrocardiograph Technology/Technician   | 1             | .                 | 2%            | .                 |
| 51.1004 | Clinical/Medical Laboratory Technician   | 1             | 11                | 2%            | 1%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 1             | 19                | 2%            | 1%                |
| 51.2603 | Medication Aide  | 1             | .                 | 2%            | .                 |
| 51.3801 | Registered Nursing/Registered Nurse  | 11            | 130               | 23%           | 7%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 3             | 32                | 6%            | 2%                |
| 52.0203 | Logistics, Materials, and Supply Chain Management  | 2             | .                 | 4%            | .                 |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Piedmont Virginia

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 8             | 628               | 7%            | 7%                |
| 11.0103 | Information Technology   | 1             | 576               | 1%            | 6%                |
| 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                              | 1             | 117               | 1%            | 1%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 1             | 59                | 1%            | 1%                |
| 19.0709 | Child Care Provider/Assistant  | 2             | 567               | 2%            | 6%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 2             | 460               | 2%            | 5%                |
| 46.0000 | Construction Trades, General   | 8             | 1,406             | 7%            | 16%               |
| 46.0302 | Electrician  | 3             | 305               | 3%            | 3%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 10            | 693               | 9%            | 8%                |
| 48.0508 | Welding Technology/Welder  | 2             | 405               | 2%            | 5%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 2             | 316               | 2%            | 4%                |
| 51.0801 | Medical/Clinical Assistant   | 18            | 111               | 16%           | 1%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1             | 111               | 1%            | 1%                |
| 51.0910 | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician                        | 4             | 30                | 4%            | 0%                |
| 51.0911 | Radiologic Technology/Science - Radiographer   | 7             | 59                | 6%            | 1%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 2             | 1,159             | 2%            | 13%               |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 12            | 112               | 11%           | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 1             | 119               | 1%            | 1%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 17            | 643               | 15%           | 7%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 6             | 78                | 5%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 2             | 919               | 2%            | 10%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Rappahannock

|         |   | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|---|---------------|-------------------|---------------|-------------------|
| CIP     | Description   |               |                   |               |                   |
| 43.0103 | Criminal Justice/Law Enforcement Administration         | 2             | 228               | 4%            | 22%               |
| 47.0605 | Diesel Mechanics Technology/Technician                  | 1             | 80                | 2%            | 8%                |
| 48.0508 | Welding Technology/Welder                               | 19            | 196               | 37%           | 19%               |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic) | 5             | 75                | 10%           | 7%                |
| 51.1004 | Clinical/Medical Laboratory Technician                  | 1             | 4                 | 2%            | 0%                |
| 51.2603 | Medication Aide   | 4             | .                 | 8%            | .                 |
| 51.3801 | Registered Nursing/Registered Nurse                     | 15            | 65                | 29%           | 6%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training            | 4             | 28                | 8%            | 3%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide  | 1             | 355               | 2%            | 34%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Southside Virginia

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 11.0101 | Computer and Information Sciences, General   | 2             | 120               | 2%            | 4%                |
| 11.0901 | Computer Systems Networking and Telecommunications   | 1             | 78                | 1%            | 3%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 2             | 10                | 2%            | 0%                |
| 15.0612 | Industrial Technology/Technician   | 1             | 4                 | 1%            | 0%                |
| 15.1701 | Energy Systems Technology/Technician   | 17            | .                 | 15%           | .                 |
| 19.0709 | Child Care Provider/Assistant  | 2             | 207               | 2%            | 7%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 1             | 145               | 1%            | 5%                |
| 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 17            | .                 | 15%           | .                 |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 11            | 228               | 10%           | 8%                |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 8             | 78                | 7%            | 3%                |
| 47.0605 | Diesel Mechanics Technology/Technician   | 2             | 66                | 2%            | 2%                |
| 48.0508 | Welding Technology/Welder  | 4             | 185               | 4%            | 7%                |
| 51.0799 | Health and Medical Administrative Services, Other  | 2             | 180               | 2%            | 6%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2             | 47                | 2%            | 2%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 1             | 293               | 1%            | 10%               |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 11            | 11                | 10%           | 0%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 14            | 72                | 12%           | 3%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 9             | 89                | 8%            | 3%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 1             | 39                | 1%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 2             | 614               | 2%            | 22%               |
| 52.0499 | Business Operations Support and Secretarial Services, Other                                | 3             | 351               | 3%            | 12%               |



**Appendix 14: G3 program completions and job demand by CIP code**

college=Southwest Virginia

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 4             | 57                | 2%            | 3%                |
| 11.0103 | Information Technology   | 1             | 51                | 0%            | 3%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 10            | 15                | 4%            | 1%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 1             | 261               | 0%            | 15%               |
| 19.0709 | Child Care Provider/Assistant  | 6             | 120               | 2%            | 7%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 8             | 100               | 3%            | 6%                |
| 46.0000 | Construction Trades, General   | 14            | 325               | 6%            | 18%               |
| 46.0201 | Carpentry/Carpenter  | 3             | .                 | 1%            | .                 |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 9             | 117               | 4%            | 7%                |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 33            | 49                | 14%           | 3%                |
| 48.0508 | Welding Technology/Welder  | 67            | 123               | 28%           | 7%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 11            | 28                | 5%            | 2%                |
| 51.0803 | Occupational Therapist Assistant   | 3             | 3                 | 1%            | 0%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 13            | 30                | 5%            | 2%                |
| 51.0911 | Radiologic Technology/Science - Radiographer   | 3             | 4                 | 1%            | 0%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 16            | 125               | 7%            | 7%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 1             | 3                 | 0%            | 0%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 12            | 7                 | 5%            | 0%                |
| 51.1501 | Substance Abuse/Addiction Counseling   | 1             | 60                | 0%            | 3%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 3             | 60                | 1%            | 3%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 11            | 41                | 5%            | 2%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 7             | 21                | 3%            | 1%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 4             | 165               | 2%            | 9%                |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Tidewater

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 01.8301 | Veterinary/Animal Health Technology/Technician and Veterinary Assistant                    | 9             | .                 | 2%            | .                 |
| 11.0101 | Computer and Information Sciences, General   | 7             | 1,814             | 1%            | 5%                |
| 11.0103 | Information Technology   | 2             | 1,694             | 0%            | 5%                |
| 11.0801 | Web Page, Digital/Multimedia and Information Resources Design                              | 1             | 398               | 0%            | 1%                |
| 11.1003 | Computer and Information Systems Security/Auditing/Information Assurance                   | 24            | 1,239             | 5%            | 4%                |
| 13.1501 | Teacher Assistant/Aide   | 25            | 869               | 5%            | 2%                |
| 15.0201 | Civil Engineering Technologies/Technicians   | 1             | 286               | 0%            | 1%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 3             | 385               | 1%            | 1%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 2             | 4,612             | 0%            | 13%               |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 1             | 13                | 0%            | 0%                |
| 15.0899 | Mechanical Engineering Related Technologies/Technicians, Other                             | 3             | 12                | 1%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 33            | 1,626             | 6%            | 5%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 32            | 1,634             | 6%            | 5%                |
| 43.0203 | Fire Science/Fire-fighting   | 2             | 184               | 0%            | 1%                |
| 43.0406 | Forensic Science and Technology  | 6             | 178               | 1%            | 1%                |
| 46.0000 | Construction Trades, General   | 4             | 4,812             | 1%            | 14%               |
| 46.0302 | Electrician  | 1             | 1,048             | 0%            | 3%                |
| 47.0000 | Mechanics and Repairers, General   | 2             | 117               | 0%            | 0%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 2             | 2,600             | 0%            | 7%                |
| 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 3             | .                 | 1%            | .                 |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 97            | 692               | 19%           | 2%                |
| 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 1             | .                 | 0%            | .                 |
| 48.0508 | Welding Technology/Welder  | 64            | 1,506             | 12%           | 4%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 6             | 862               | 1%            | 2%                |
| 51.0710 | Medical Office Assistant/Specialist  | 1             | .                 | 0%            | .                 |
| 51.0713 | Medical Insurance Coding Specialist/Coder  | 33            | 1,040             | 6%            | 3%                |
| 51.0799 | Health and Medical Administrative Services, Other  | 7             | 2,038             | 1%            | 6%                |
| 51.0801 | Medical/Clinical Assistant   | 26            | 382               | 5%            | 1%                |
| 51.0803 | Occupational Therapist Assistant   | 14            | 32                | 3%            | 0%                |
| 51.0806 | Physical Therapy Assistant   | 13            | 95                | 3%            | 0%                |
| 51.0902 | Electrocardiograph Technology/Technician   | 3             | .                 | 1%            | .                 |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1             | 471               | 0%            | 1%                |
| 51.0908 | Respiratory Care Therapy/Therapist   | 3             | 69                | 1%            | 0%                |
| 51.0910 | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician                        | 8             | 60                | 2%            | 0%                |
| 51.0911 | Radiologic Technology/Science - Radiographer   | 3             | 115               | 1%            | 0%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 1             | 2,435             | 0%            | 7%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 4             | 91                | 1%            | 0%                |

|         |   |  |    |       |    |    |
|---------|---|--|----|-------|----|----|
| 51.1009 | Phlebotomy Technician/Phlebotomist                              |  | 40 | 165   | 8% | 0% |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other |  | 5  | 470   | 1% | 1% |
| 51.3801 | Registered Nursing/Registered Nurse                             |  | 10 | 1,101 | 2% | 3% |
| 51.3901 | Licensed Practical/Vocational Nurse Training                    |  | 2  | 255   | 0% | 1% |
| 52.0203 | Logistics, Materials, and Supply Chain Management               |  | 8  | .     | 2% | .  |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Virginia Highlands

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 2             | 122               | 1%            | 6%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 5             | 20                | 2%            | 1%                |
| 15.0612 | Industrial Technology/Technician   | 2             | 3                 | 1%            | 0%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 2             | 499               | 1%            | 23%               |
| 15.0699 | Industrial Production Technologies/Technicians, Other                                      | 4             | 3                 | 2%            | 0%                |
| 43.0102 | Corrections  | 1             | 68                | 0%            | 3%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 8             | 112               | 4%            | 5%                |
| 46.0302 | Electrician  | 26            | 66                | 12%           | 3%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 21            | 173               | 10%           | 8%                |
| 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1             | .                 | 0%            | .                 |
| 47.0605 | Diesel Mechanics Technology/Technician   | 6             | 51                | 3%            | 2%                |
| 47.0703 | Solar Energy System Installation and Repair Technology/Technician                          | 1             | .                 | 0%            | .                 |
| 48.0508 | Welding Technology/Welder  | 22            | 142               | 10%           | 7%                |
| 48.0599 | Precision Metal Working, Other   | 7             | 2                 | 3%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 2             | 68                | 1%            | 3%                |
| 51.0713 | Medical Insurance Coding Specialist/Coder  | 9             | 63                | 4%            | 3%                |
| 51.0801 | Medical/Clinical Assistant   | 10            | 18                | 5%            | 1%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 2             | 59                | 1%            | 3%                |
| 51.0911 | Radiologic Technology/Science - Radiographer   | 1             | 9                 | 0%            | 0%                |
| 51.0999 | Allied Health Diagnostic, Intervention, and Treatment Professions, Other                   | 4             | 229               | 2%            | 11%               |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 28            | 12                | 13%           | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 3             | 53                | 1%            | 2%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 17            | 91                | 8%            | 4%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 2             | 38                | 1%            | 2%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 27            | 261               | 13%           | 12%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Virginia Peninsula

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 11.0101 | Computer and Information Sciences, General   | 9             | 321               | 3%            | 8%                |
| 11.0103 | Information Technology   | 2             | 300               | 1%            | 8%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 5             | 94                | 2%            | 2%                |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 3             | 11                | 1%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 4             | 366               | 1%            | 9%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 2             | 388               | 1%            | 10%               |
| 46.0302 | Electrician  | 15            | 221               | 5%            | 6%                |
| 46.0401 | Building/Property Maintenance  | 5             | .                 | 2%            | .                 |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 11            | 579               | 4%            | 15%               |
| 47.0616 | Marine Maintenance/Fitter and Ship Repair Technology/Technician                            | 17            | .                 | 6%            | .                 |
| 48.0508 | Welding Technology/Welder  | 134           | 336               | 44%           | 9%                |
| 51.0602 | Dental Hygiene/Hygienist   | 2             | 15                | 1%            | 0%                |
| 51.0801 | Medical/Clinical Assistant   | 33            | 87                | 11%           | 2%                |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic)                                    | 1             | 170               | 0%            | 4%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 33            | 39                | 11%           | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 9             | 133               | 3%            | 3%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 5             | 310               | 2%            | 8%                |
| 51.3902 | Nursing Assistant/Aide and Patient Care Assistant/Aide                                     | 13            | 567               | 4%            | 14%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Virginia Western

|         |  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| CIP     | Description  |               |                   |               |                   |
| 11.0101 | Computer and Information Sciences, General   | 11            | 310               | 5%            | 4%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 13            | 120               | 6%            | 1%                |
| 15.0612 | Industrial Technology/Technician   | 1             | 26                | 0%            | 0%                |
| 15.0613 | Manufacturing Engineering Technology/Technician  | 6             | 1,454             | 3%            | 17%               |
| 15.1302 | CAD/CADD Drafting and/or Design Technology/Technician                                      | 2             | 28                | 1%            | 0%                |
| 19.0709 | Child Care Provider/Assistant  | 12            | 411               | 6%            | 5%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 11            | 344               | 5%            | 4%                |
| 46.0000 | Construction Trades, General   | 1             | 1,571             | 0%            | 18%               |
| 46.0302 | Electrician  | 3             | 350               | 1%            | 4%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 5             | 594               | 2%            | 7%                |
| 47.0303 | Industrial Mechanics and Maintenance Technology/Technician                                 | 1             | .                 | 0%            | .                 |
| 48.0508 | Welding Technology/Welder  | 13            | 462               | 6%            | 5%                |
| 48.0599 | Precision Metal Working, Other   | 2             | 3                 | 1%            | 0%                |
| 51.0602 | Dental Hygiene/Hygienist   | 11            | 18                | 5%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 3             | 207               | 1%            | 2%                |
| 51.0799 | Health and Medical Administrative Services, Other  | 1             | 598               | 0%            | 7%                |
| 51.0801 | Medical/Clinical Assistant   | 12            | 98                | 6%            | 1%                |
| 51.0907 | Medical Radiologic Technology/Science - Radiation Therapist                                | 8             | 30                | 4%            | 0%                |
| 51.0909 | Surgical Technology/Technologist   | 2             | 54                | 1%            | 1%                |
| 51.0911 | Radiologic Technology/Science - Radiographer   | 13            | 48                | 6%            | 1%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 15            | 65                | 7%            | 1%                |
| 51.1009 | Phlebotomy Technician/Phlebotomist   | 5             | 104               | 2%            | 1%                |
| 51.1599 | Mental and Social Health Services and Allied Professions, Other                            | 25            | 138               | 12%           | 2%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 18            | 562               | 9%            | 7%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 4             | 125               | 2%            | 1%                |
| 52.0499 | Business Operations Support and Secretarial Services, Other                                | 3             | 829               | 1%            | 10%               |

**Appendix 14: G3 program completions and job demand by CIP code**

college=Wytheville

| CIP     | Description  | # Completions | # Annual Openings | % Completions | % Annual Openings |
|---------|--|---------------|-------------------|---------------|-------------------|
| 11.0101 | Computer and Information Sciences, General   | 5             | 68                | 2%            | 5%                |
| 15.0303 | Electrical, Electronic, and Communications Engineering Technology/Technician               | 3             | 24                | 1%            | 2%                |
| 15.0612 | Industrial Technology/Technician   | 4             | 5                 | 2%            | 0%                |
| 15.1701 | Energy Systems Technology/Technician   | 33            | .                 | 13%           | .                 |
| 43.0102 | Corrections  | 1             | 101               | 0%            | 7%                |
| 43.0103 | Criminal Justice/Law Enforcement Administration  | 20            | 110               | 8%            | 8%                |
| 46.0000 | Construction Trades, General   | 12            | 427               | 5%            | 32%               |
| 46.0301 | Electrical and Power Transmission Installation/Installer, General                          | 30            | .                 | 12%           | .                 |
| 46.0302 | Electrician  | 31            | 50                | 12%           | 4%                |
| 47.0201 | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician | 7             | 148               | 3%            | 11%               |
| 47.0302 | Heavy Equipment Maintenance Technology/Technician  | 29            | .                 | 11%           | .                 |
| 47.0604 | Automobile/Automotive Mechanics Technology/Technician                                      | 12            | 59                | 5%            | 4%                |
| 48.0508 | Welding Technology/Welder  | 18            | 149               | 7%            | 11%               |
| 48.0599 | Precision Metal Working, Other   | 8             | 1                 | 3%            | 0%                |
| 51.0602 | Dental Hygiene/Hygienist   | 8             | 4                 | 3%            | 0%                |
| 51.0707 | Health Information/Medical Records Technology/Technician                                   | 4             | 42                | 2%            | 3%                |
| 51.0805 | Pharmacy Technician/Assistant  | 6             | 20                | 2%            | 1%                |
| 51.0806 | Physical Therapy Assistant   | 6             | 12                | 2%            | 1%                |
| 51.1004 | Clinical/Medical Laboratory Technician   | 3             | 4                 | 1%            | 0%                |
| 51.3801 | Registered Nursing/Registered Nurse  | 9             | 77                | 4%            | 6%                |
| 51.3901 | Licensed Practical/Vocational Nurse Training   | 7             | 53                | 3%            | 4%                |