



Annual Report 2024-25

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 six of Virginia's most in-demand industries: education, healthcare, information technology, public safety, manufacturing & skilled trades, and hospitality & culinary arts. Virginia's Community Colleges received \$34.5 million for the 2024-25 academic year to be awarded to qualified students who enrolled in approved degree/certificate and noncredit workforce training programs and who met the eligibility requirements.

Highlights of the 2024-25 Academic Year

- 20,512 VCCS (Virginia Community College System) students received approximately \$32.3 million in G3 tuition assistance.
- 64% (13,171) of the G3 students enrolled in credit programs that lead to a postsecondary degree or certificate, while 35% (7,234) were enrolled in noncredit Workforce Credential Grant (WCG) programs that lead to a third-party licensure or certification. 107 students enrolled in both credit and WCG programs during the year.
- 1,257 associate degree and certificate programs and 1,164 noncredit WCG programs across all 23 community colleges were approved as G3 eligible.
- 37% of the enrollments were in manufacturing and skilled trades; 34% in healthcare programs; 22% in information technology; 4% in education, 3% public safety, and less than 1% in hospitality and culinary arts (which was a new G3 area this year).
- 58% 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 (\$120,000 for a family of four) may be eligible for the program.
- 86% of G3 students enrolled during Fall 2024 also enrolled in the spring semester or graduated during the year.
- 76% of G3 students enrolled during AY 2024-25 reenrolled the following year or graduated.
- 2,699 G3 credit students earned 3,648 associate degrees, certificates, and diplomas.
- 5,417 G3 WCG students completed 8,993 WCG programs, and 3,000 earned 4,801 credentials.
- More than three-quarters (78%) of G3 program completions were in either manufacturing & skilled trades or healthcare.
- The median wage of 2022-23 G3 credit program completers nearly doubled (99%) from pre-enrollment to post-completion -- more than \$12,500 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. The original legislation specified that G3 would 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. Beginning in 2024, programs in the fields of Hospitality and Culinary Arts were added in addition to programs in primary and secondary education. 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) 2025 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, 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 six Virginia industries: Education, Healthcare, Information Technology, Public Safety, Manufacturing and Skilled Trades, and Hospitality and Culinary Arts. 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 six of Virginia's most in-demand industries: Education, Healthcare, Information Technology, Public Safety, Manufacturing and Skilled Trades, and Hospitality and Culinary Arts.

The State Board for Community Colleges (SBCC) established a process for reviewing and approving G3-eligible programs at each community college. Based on the Virginia General Assembly's 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 2024-25 academic year, 1,257 associate degree and certificate programs and 1,164 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 2024-25 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 noncredit categories. Approximately \$32.3 million in G3 tuition assistance was disbursed to 20,512 eligible VCCS students during the 2024-25 academic year.

Approximately 68% (\$22.1 million) of G3 tuition assistance went to 13,171 students in associate degree and certificate academic programs. Of this amount, approximately \$13.7 million covered the “last dollar” amounts for tuition, mandatory fees, and book stipends for 6,120 eligible students, while approximately \$8.4 million went to 7,232 low-income students receiving SSIG awards. 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 \$56 million in Federal Pell and other grants, as well as over \$18 million in other state grants.

The remaining 31% (\$9.9 million) of G3 funds went to 7,234 low- and middle-income WCG students to offset their first-third costs of tuition.

There were also 107 students that received a total of \$280,645 in both G3 academic credit and WCG awards during the year.

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 (\$120,000 for a family of four), and
- Enroll for a minimum of six credit hours during a semester 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?

Over 20,500 Virginia's Community College students received nearly \$33.3 million in G3 tuition assistance in 2024-25. Approximately 65% of the G3 recipients enrolled in credit programs that lead to a postsecondary degree or certificate, while the remaining 35% 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 2024-25, women accounted for just over half (53%) who received G3 aid while pursuing an academic degree or certificate, and this ratio was about the same for both the G3 Last Dollar and SSIG awards. Women in academic credit programs also received just over half (52%) of the total G3 award dollars going to academic credit students.

Students who had previously attended VCCS colleges accounted for 78% of G3 credit students in 2024-25. More than one-fifth (2,985) of G3 recipients were new to Virginia's Community Colleges.

The race/ethnicity composition of G3 credit students was like that of the general student population of Virginia's Community Colleges. As shown in Figure 1, White, non-Hispanic students accounted for 42% of the G3 award recipients, compared to 45% of the regular VCCS student population (excluding dual enrolled students). G3 recipients who identified as Black/African American accounted for 23%, which was slightly higher than the total student population (19.5%). Hispanic students were 17% of G3 recipients, which was the same as their percentage of all students. Asian G3 recipients were also represented similarly to their percentage of all students (10% vs. 9%).

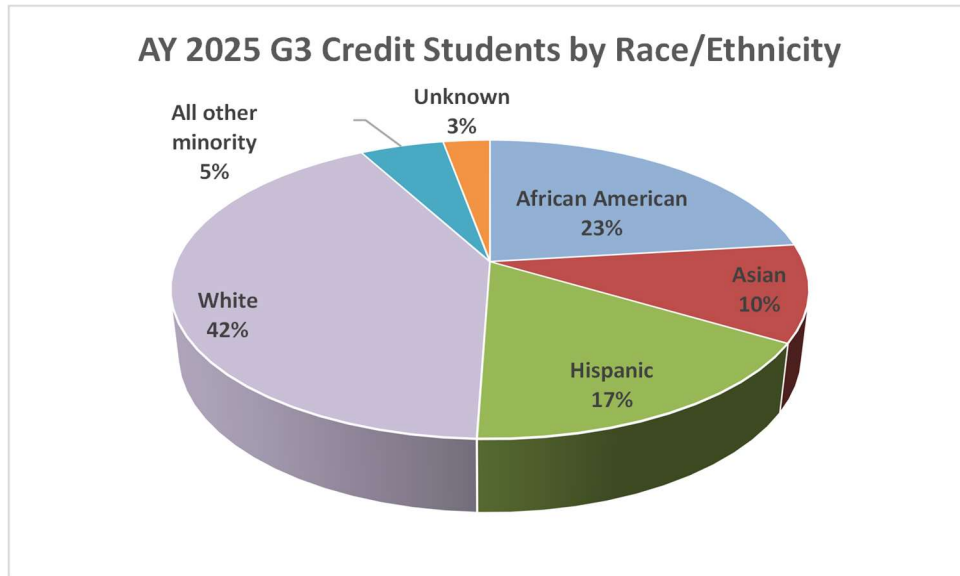


FIGURE 1. G3 CREDIT STUDENTS BY RACE/ETHNICITY

G3 academic credit students were older than the overall VCCS regular student population. Among G3 students, 42% were working age (age 25+), compared to 35% in the regular population, which excludes dual enrolled high school students. As shown in Figure 2, 25% of G3 credit students were between the ages of 25 and 34, and 14% were over the age of 34.

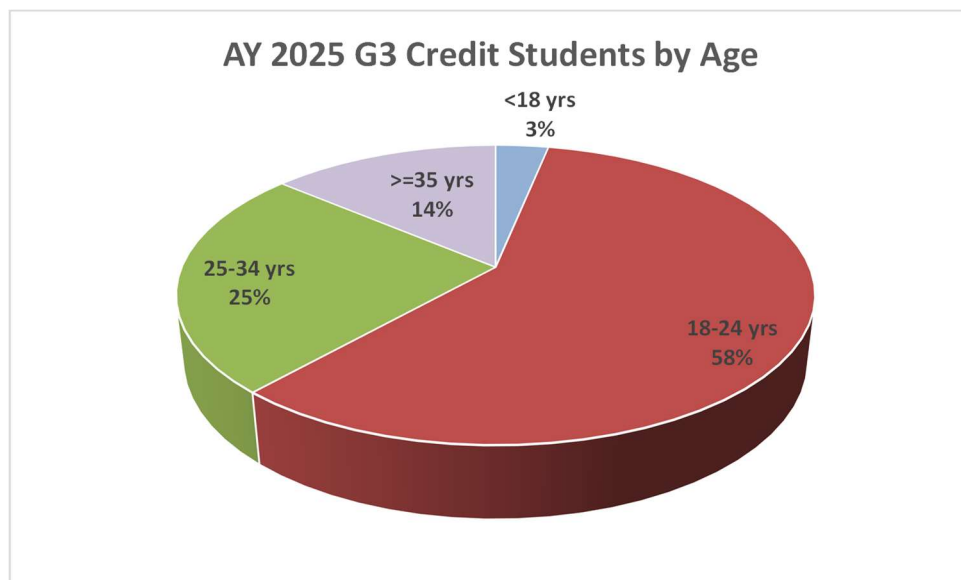


FIGURE 2. G3 CREDIT STUDENTS BY AGE

Workforce Credential Grant (WCG) Noncredit Students

The gender composition of noncredit G3 students was similar to that of G3 academic students.

Approximately 55% G3 WCG students were women in 2024-25. These women received slightly less than half of the G3 funds disbursed to noncredit WCG students.

WCG 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, non-Hispanic students (41% vs. 33%). Black/African American WCG students received \$4.7 million towards the cost of tuition in WCG programs during 2024-25. 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.

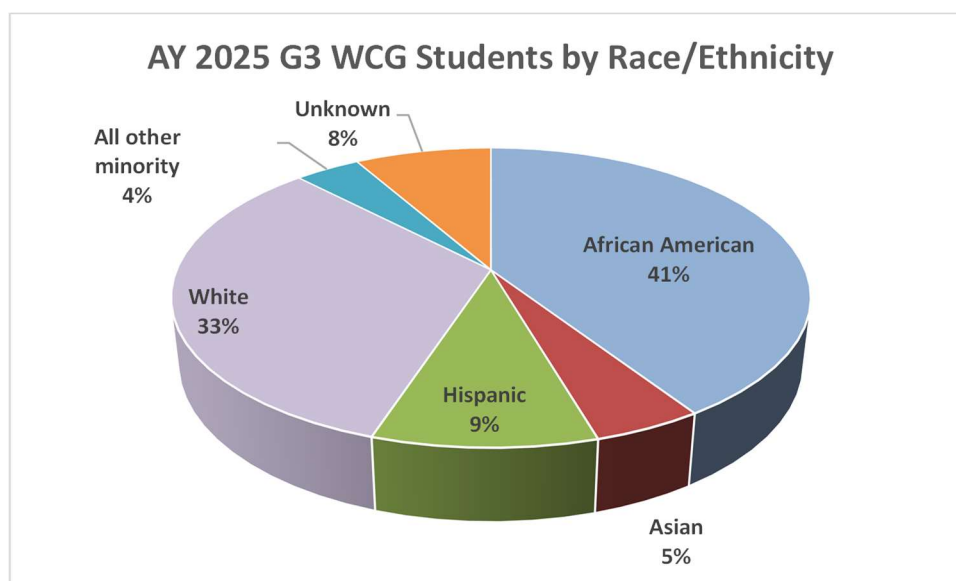


FIGURE 3. G3 WCG STUDENTS BY RACE/ETHNICITY

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 65% of the G3 WCG students. Nearly 2,400 adults over age 35 received approximately \$3.3 million in G3 aid.

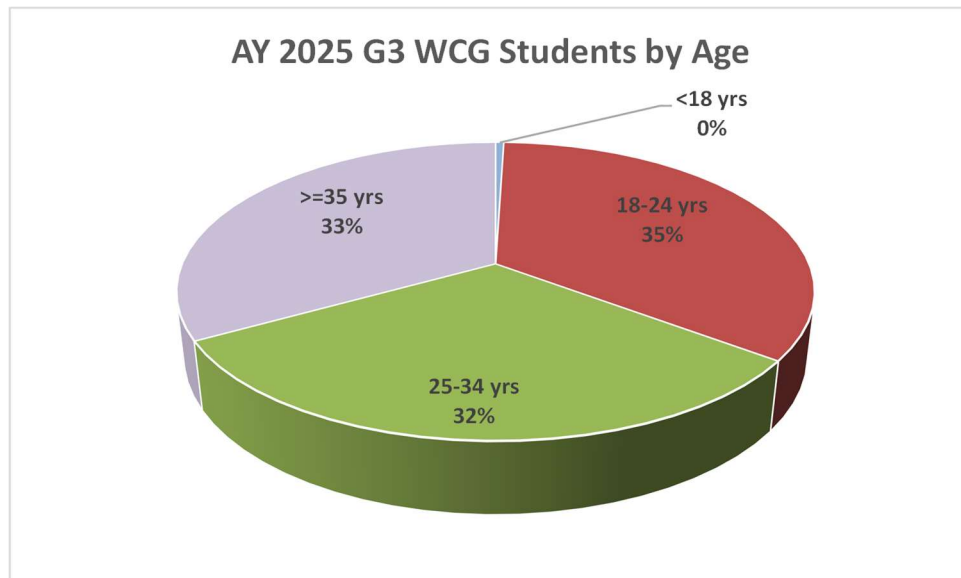


FIGURE 4. G3 WCG STUDENTS BY AGE

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 2024-25 academic year, 20,512 VCCS students received financial assistance through the G3 program to enroll in academic credit and workforce noncredit programs leading to high-demand occupations in the Commonwealth. As shown in Figure 5, 64% (13,278) of the G3 students were enrolled in credit programs that lead to a postsecondary degree or certificate, while 36% were enrolled in noncredit Workforce Credential Grant (WCG) programs that lead to a third-party licensure or certification. A small number of G3 students (107) enrolled in both credit and noncredit programs. G3 student enrollments by college are shown in Appendix 2.

VCCS G3 Enrollments (AY 2023-24)

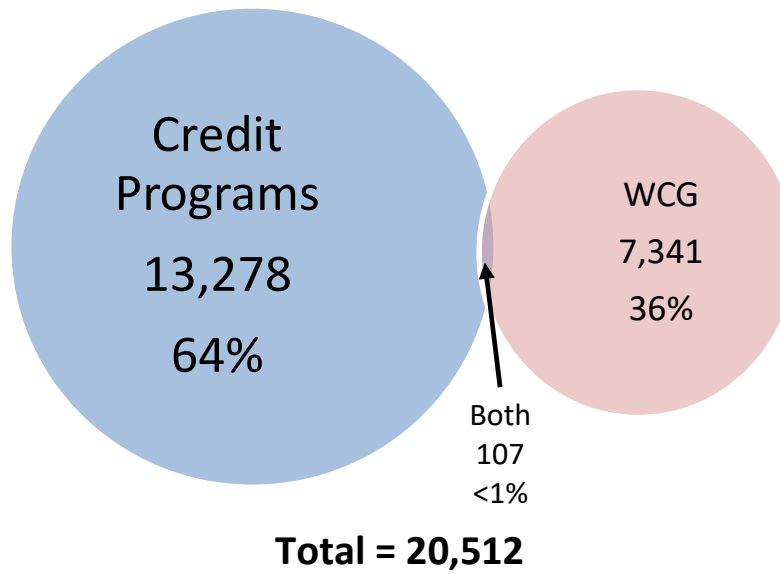


FIGURE 5. TOTAL G3 STUDENTS

Many G3 students enrolled in more than one academic or workforce program. While there were 13,278 distinct credit students, there were 14,122 G3 program enrollments. Some students enrolled in more than one G3 program during the year either because they may have completed a certificate program and then enrolled in a degree program in the same area, 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 WCG students enrolled in more than one G3 program. Of the 7,341 WCG students, there were 12,341 WCG program enrollments during the year.

Enrollment by Programs of Study

Beginning with the 2024-25 academic year, the General Assembly has identified six high-demand areas of study to address the Commonwealth's workforce needs through the G3 program. These areas are:

- Healthcare
- Information Technology
- Education
- Manufacturing and Skilled Trades
- Public Safety
- Hospitality and Culinary Arts

Table 1 shows G3 enrollments in each of these areas. Manufacturing and skilled trades (37%) had the most G3 enrollments, followed by healthcare (34%) and information technology (22%). Education and public safety accounted for 4% and 3% of G3 enrollments, respectively, and hospitality and culinary arts accounted for less

than 1% (this was a new G3 program area in AY 2024-25). Appendix 3 lists enrollments in all G3 programs of study at each of Virginia's community colleges.

TABLE 1. G3 PROGRAM ENROLLMENTS

AY 2024-25 G3 Student Enrollments by Area of Study				
Program Area	Credit	WCG	Total	%
Manufacturing & Skilled Trades	3,411	6,317	9,728	37%
Health Care	4,469	4,418	8,887	34%
Information Technology	4,378	1,416	5,794	22%
Education	1,025	4	1,029	4%
Public Safety	720	183	903	3%
Hospitality & Culinary Arts	119	3	122	0%
Total	14,122	12,341	26,463	100%

Enrollment by Income Level

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 \$120,000 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 these students.

As shown in Figure 6, among G3 credit students, 33% had income below the federal poverty level, and more than half (58%) 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.

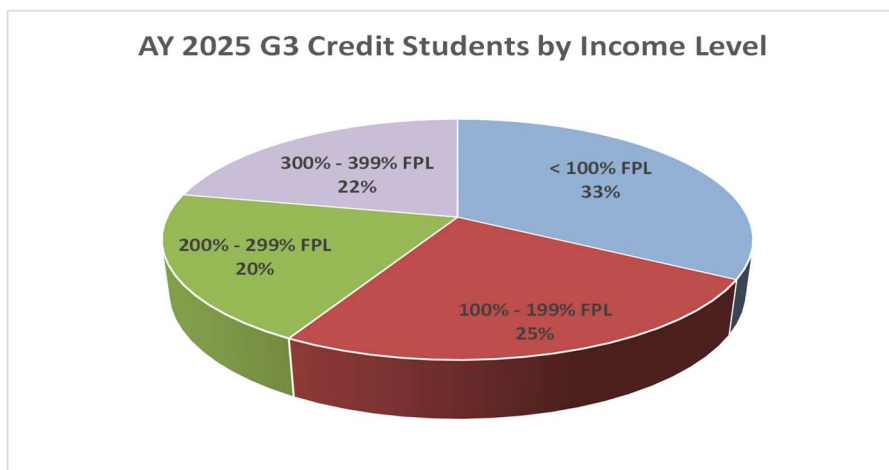


FIGURE 6. G3 ENROLLMENT BY INCOME LEVELS

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.

Table 2 shows the total G3 awards earned by degree type. In 2024-25, students receiving G3 financial assistance earned 3,648 postsecondary degrees and certificates. Furthermore, there were 8,993 noncredit successful coursework completions and 4,801 third-party licensures or workforce credentials earned during the 2024-25 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. [?](#)

TABLE 2. TOTAL G3 AWARDS EARNED

VCCS Awards and Completions (AY 2024-25)		
		Awards
Credit Programs	Assoc. Degree	1,665
	Certificate (1-2 years)	298
	Certificate (<1 year)	1,643
	Diploma	42
	Sub-total	3,648
WCG Noncredit Programs	Third-Party Credential	4,801
	WCG Course Completions	8,993
Total Awards and Credentials		8,449
Total Completions		12,641

The G3 program has been in existence for three years, and the number of degrees awarded has risen each year as students have had more time to complete an associate's degree. However, the number of short-term certificates, and WCG completions and credentials, have also increased each year. Because 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 3,648 credit awards were earned by 2,699 distinct graduates. Similarly, many of the noncredit G3 students completed more than one WCG course, as the 8,993 completions were represented by 5,417 distinct students, and the 4,801 credentials were earned by 3,000 distinct students.

Completion by Program of Study

G3 program completions in 2024-25 were dominated by two areas of study: manufacturing and skilled trades and healthcare. Table 3 shows that these two broad areas of study accounted for 78% of all G3 program

completions, which was slightly higher than the proportion of program enrollments shown in Table 2. Information technology programs represented 16% of all completions. Education and public safety combined accounted for only 5% of the total, and hospitality and culinary arts accounted for less than 1%. Appendix 6 lists individual program completions at each college.

The large proportion of completions in manufacturing and skilled trades is due to the large number of WCG completions in this area. More than half of all WCG completions were in this area, compared to only 30% of academic credit completions.

TABLE 3. TOTAL G3 COMPLETIONS BY AREA OF STUDY

AY 2024-25 G3 Program Completions by Area of Study				
Program Area	Credit	WCG	Total	%
Manufacturing and Skilled Trades	1,107	4,878	5,985	47%
Health Care	1,121	2,821	3,942	31%
Information Technology	900	1,150	2,050	16%
Education	324	0	324	3%
Public Safety	154	144	298	2%
Hospitality & Culinary Arts	42	0	42	0%

Completions by Income Level

The income level distribution of G3 completers is shown in Figure 7, which was very similar to that of G3 enrollments shown in Figure 6. Students below the poverty level comprised a slightly smaller proportion of all completers (29%) than their proportion of all enrollments (33%). Students in the higher income categories had slightly higher proportions among completers. This indicates that low-income students may still face more barriers to completion despite the financial assistance provided by the G3 program. Appendix 7 lists G3 completers by income level for each college.

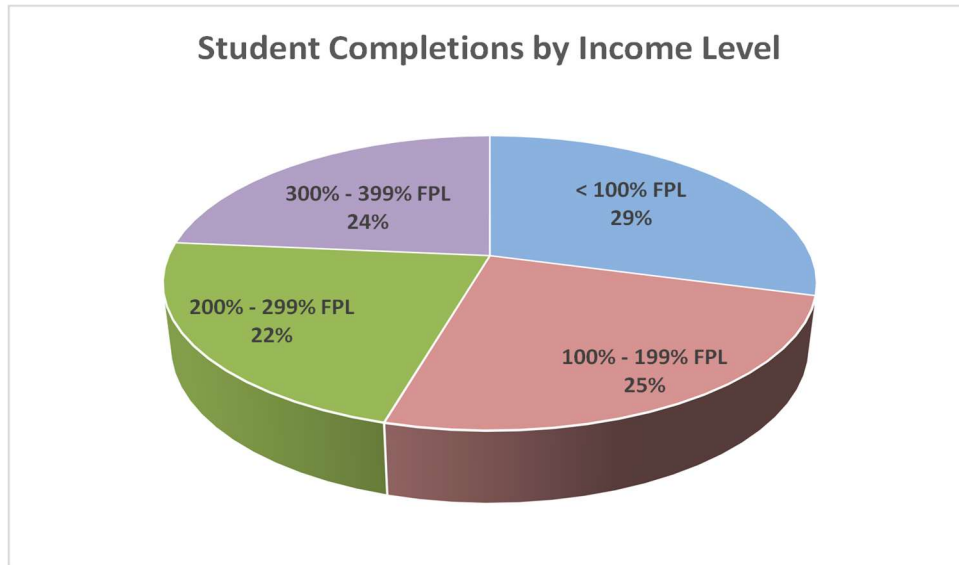


FIGURE 7. G3 COMPLETIONS BY INCOME

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 who 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 2024 G3 students, whereas annual retention measures the success of all 2023-24 academic year G3 students.

Since noncredit WCG 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 86%, based on a fall 2024 cohort of 8,999 students. Of these fall term students, 7,766 students enrolled in the following spring semester or graduated during the year.

TABLE 4. G3 FALL-TO-SPRING RETENTION

G3 Term Retention (Fall 2024 – Spring 2025)	
Fall 2024 Cohort	8,999
Enrolled Spring 2025	7,341
Graduated (did not enroll Spring)	425
% Graduated or retained	86%

Table 5 shows that the annual retention of G3 academic credit students was 76%, based on the cohort of 9,272 G3 students enrolled in academic year 2023-24. Of these prior year students, 7,063 enrolled in 2024-25 or graduated during the two-year period.

TABLE 5. G3 CREDIT ANNUAL RETENTION

G3 Annual Retention (2023-24 – 2024-25)	
2023-24 G3 Students	9272
Enrolled 2024-25	5,446
Graduated (did not enroll in 2024-25)	1,617
% Graduated or retained	76%

Retention by Area of Study

Figure 8 illustrates that there were only slight differences in term retention rate across the broad G3 areas of study. Information technology had the highest term retention rate at 89%, while healthcare had the lowest rate at 83%.

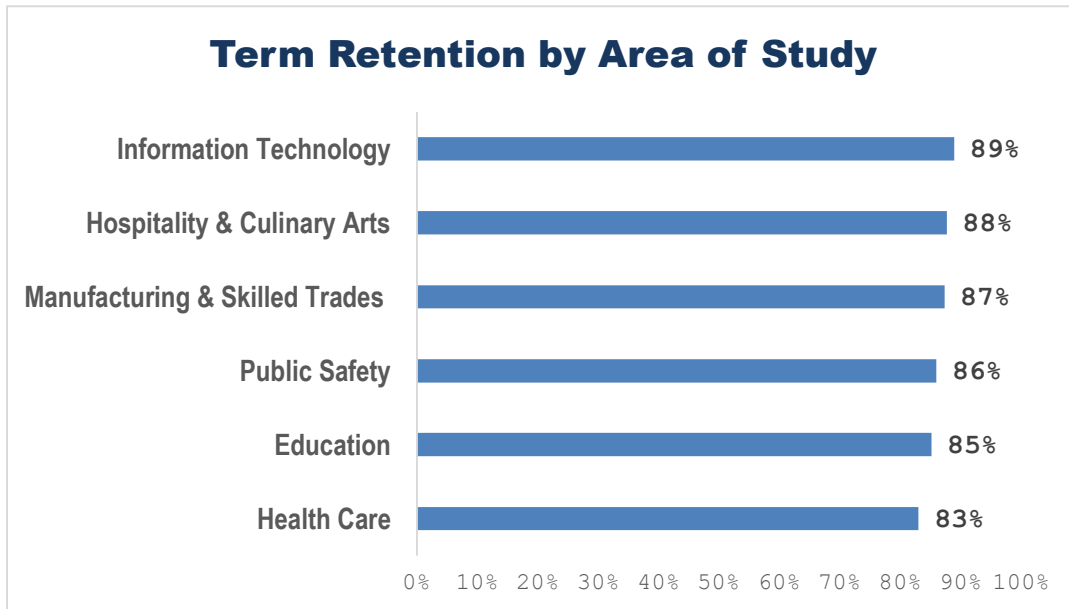


FIGURE 8. G3 CREDIT TERM RETENTION BY AREA OF STUDY

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. Information Technology had the highest annual retention rate at 78%, while Education had the lowest rate at 74%. Appendix 8 lists term and annual retention rates by area of study at each of Virginia’s Community Colleges.

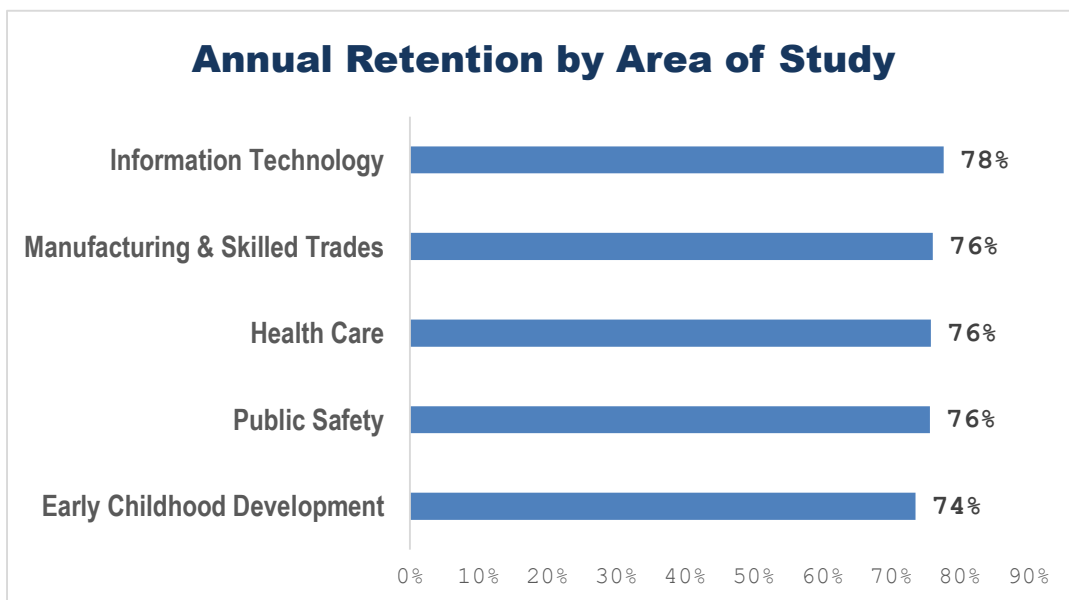


FIGURE 9. G3 CREDIT ANNUAL RETENTION BY AREA OF STUDY

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. In fact, term retention rates between students below the poverty line and those just below the income threshold of 400% FPL were basically the same (85% vs. 86%). Annual retention rates of students below the poverty line were 2%-4% lower than students in the other income level categories. Appendix 9 lists term and annual retention by income level at each institution.

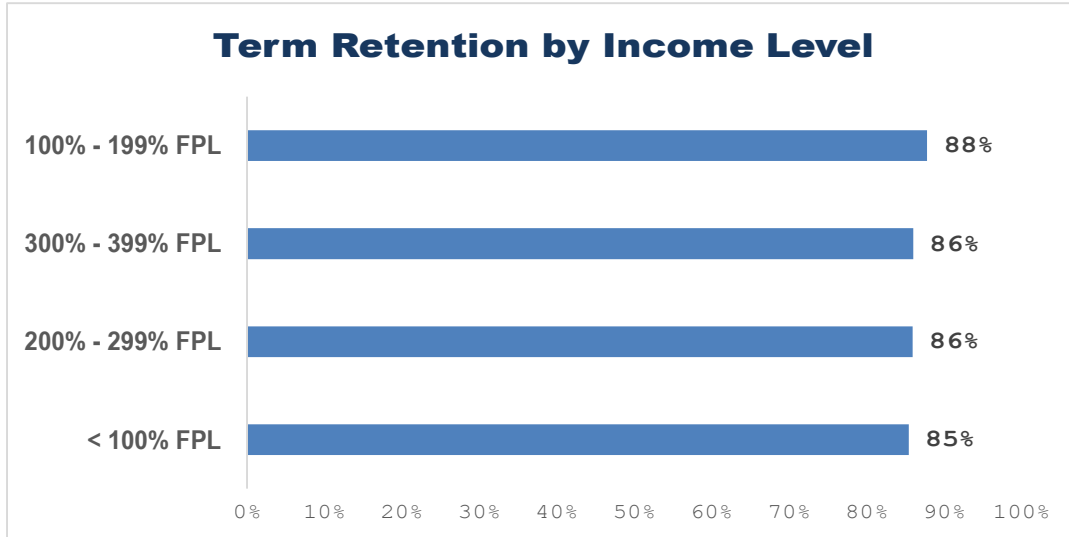


FIGURE 10. G3 CREDIT TERM RETENTION BY INCOME

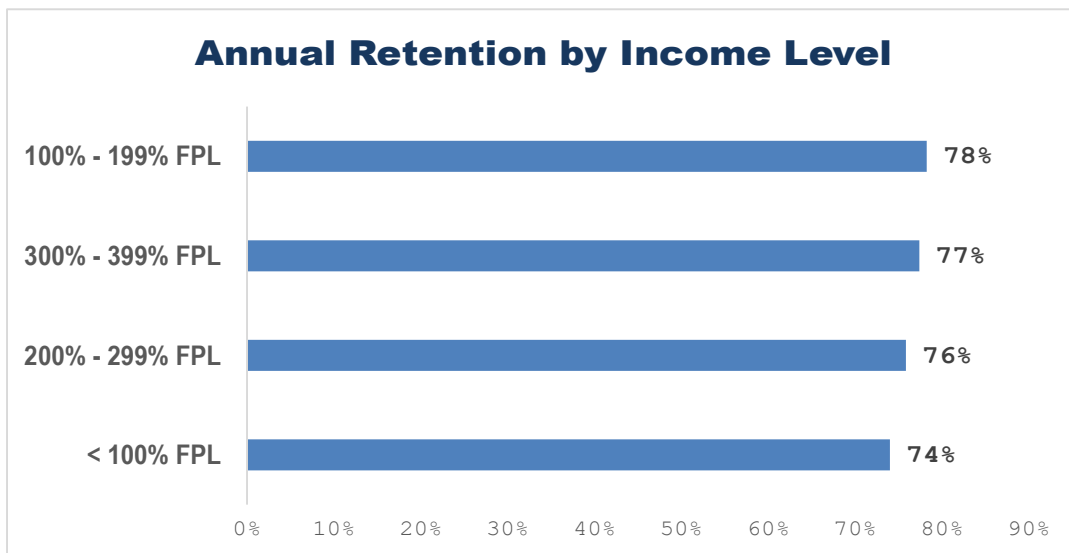


FIGURE 11. G3 CREDIT ANNUAL RETENTION BY INCOME

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. Due to the lag in collecting and reporting quarterly wages, and the specification reporting wages “one year after completion of a credential or degree,” pre- and post-mean wages are reported here for G3 students who completed a G3 program during AY 2022-23 or dropped out following AY 2022-23 and did not complete their program.

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 one year 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 reported 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 2022-23 completers of G3 academic credit programs, the median annual wage nearly doubled, as it increased from \$22,054 to \$43,808. For students who did not complete their academic program, the median wage also increased, but the increase was significantly smaller (40%). The post-enrollment median wage of 2022-23 G3 completers was \$12,578 higher than the median wage of non-completers.

TABLE 6. WAGES OF G3 CREDIT STUDENTS (2021-22)

	Pre-Enrollment Wages		Post-Completion Wages	
	# Students	Median Wages	# Students	Median Wages
Completers	1,052	\$22,054	1,191	\$43,808
Non-completers	1,194	\$22,342	1,272	\$31,230

The analysis of wages for noncredit WCG students in the G3 program showed a much smaller difference in post-enrollment median wages between students who earned a credential and those who did not, as the difference was only about \$3,400. Completers of the shorter-term credentials saw their median wage increase from \$25,300 to \$38,514 (52% increase), while those who did not earn a credential saw an increase

of 48%. However, it should be noted that many of the “non-completers” may have earned a credential following the end of the 2022-23 fiscal year.

TABLE 7. WAGES OF G3 NONCREDIT WCG STUDENTS (2021-22)

	Pre-Enrollment Wages		Post-Completion Wages	
	# Students	Median Wages	# Students	Median Wages
Completers	778	\$25,300	902	\$38,514
Non-completers	1,499	\$23,756	1,572	\$35,110

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 2022-23 G3 academic credit programs. The largest increase was experienced by students who completed a program in a healthcare field, as post-completion wages were more than \$30,000 higher than pre-enrollment wages. Post-completion median wages were also significantly higher in the other fields, as well. Completers of early childhood development programs experienced the smallest increase (about \$6,100) and had the lowest post-completion median wage of the five areas of study.

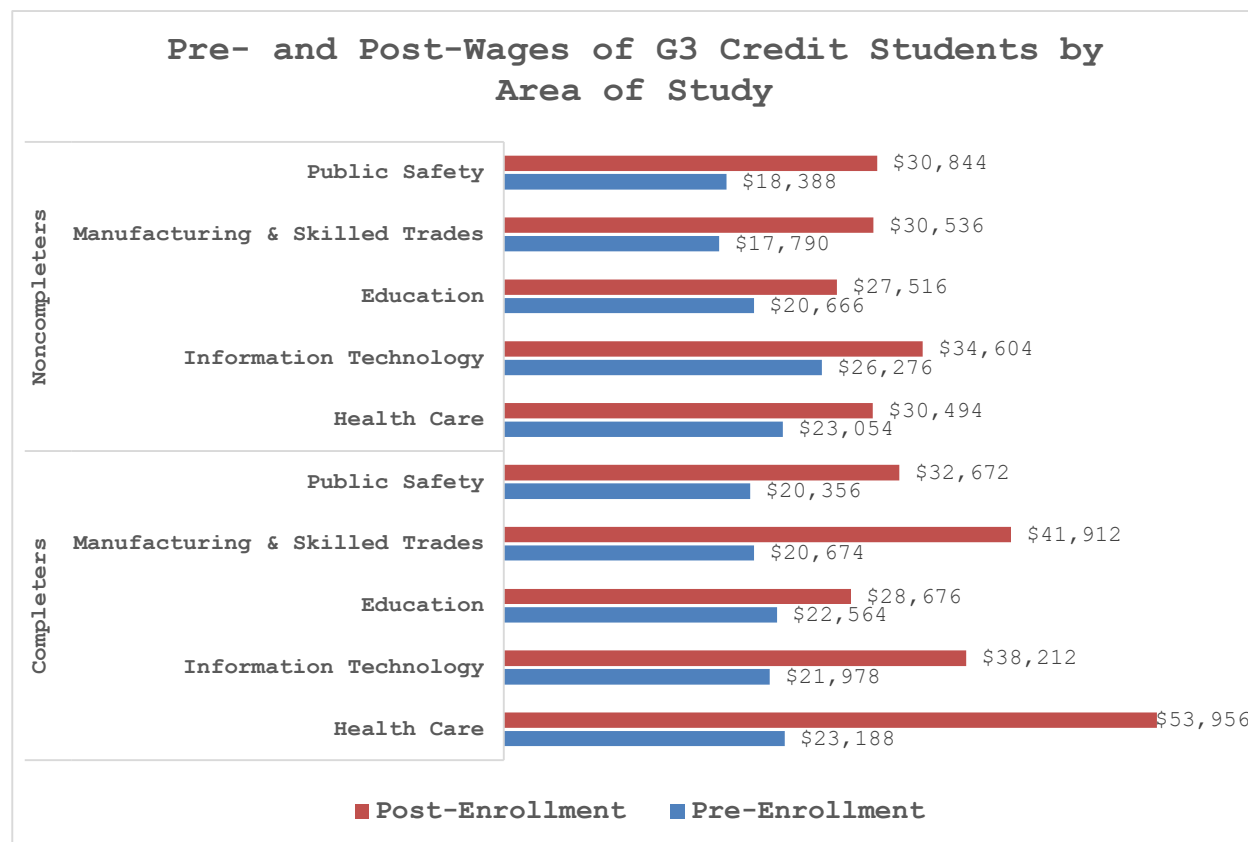


FIGURE 12 G3 CREDIT MEDIAN WAGES BY AREA OF STUDY (2021-22)

The median wages of credential earners 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 (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). Students who earned a credential in manufacturing and skilled trades had the highest median wage increase, as the post-credential median wage was about \$16,000 higher than the pre-enrollment median wage. The other two areas of study also saw significant wage increases for credential earners, as post-credential wages were about \$13,000 higher than pre-enrollment wages in both information technology and healthcare.

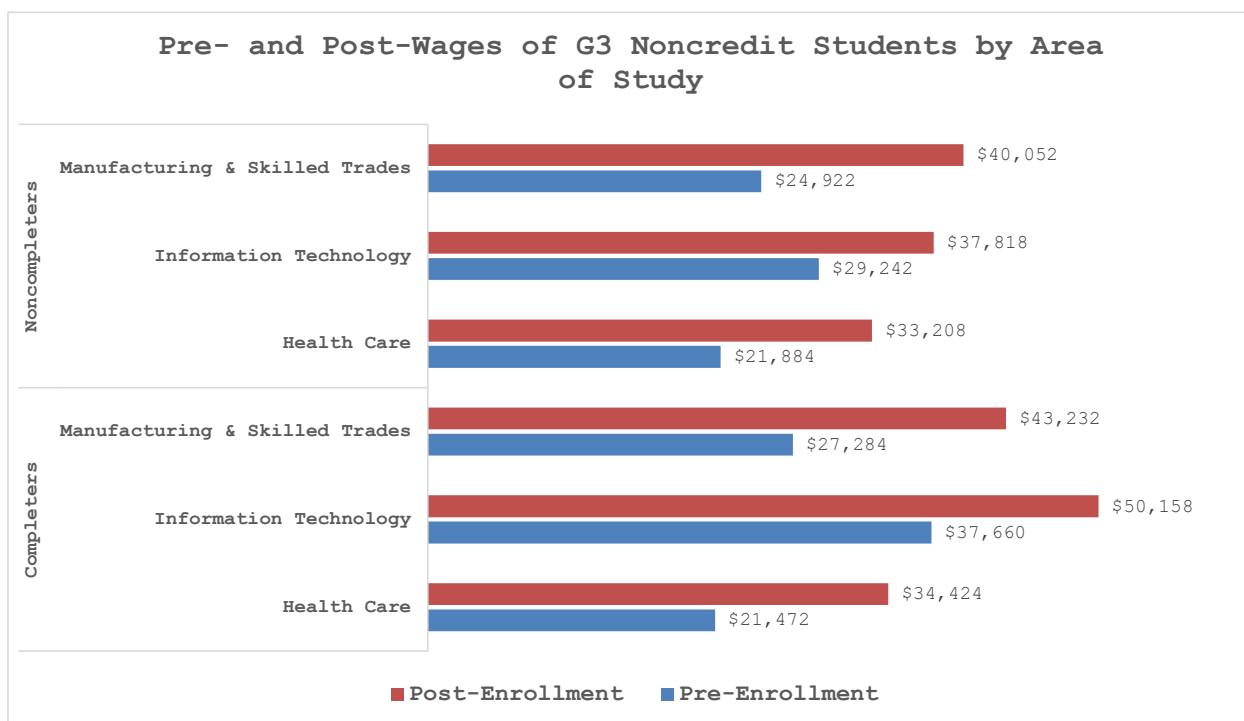


FIGURE 13. G3 WCG MEDIAN WAGES BY AREA OF STUDY (2021-22)

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 increased by 120% from less than \$17,000 to almost \$37,000, as shown in Figure 14. Students below the poverty threshold who dropped out of their G3 program saw an increase of 68%, and their post-enrollment median wage was nearly \$11,000 less than that of program completers in the same income category. Program completers in the higher family income categories also experienced larger median wage increases and had higher wages post-completion than students who did not complete their program.

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.

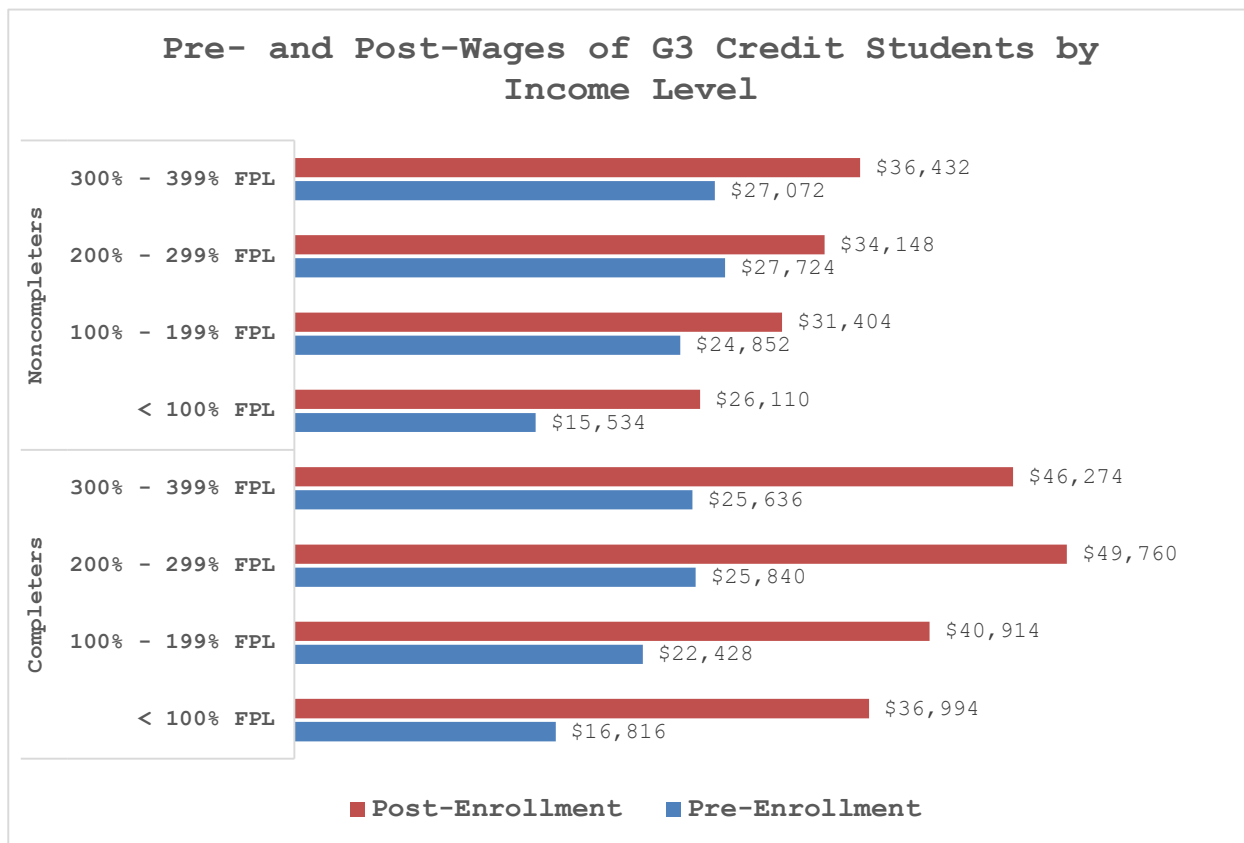


FIGURE 14. G3 CREDIT MEDIAN WAGES BY INCOME LEVEL (2021-22)

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. However, this analysis shows that completion percentages are slightly higher than job opening percentages in those three large areas, while completion percentages are lower than job opening percentages in the areas of public safety, education, and hospitality & culinary arts.

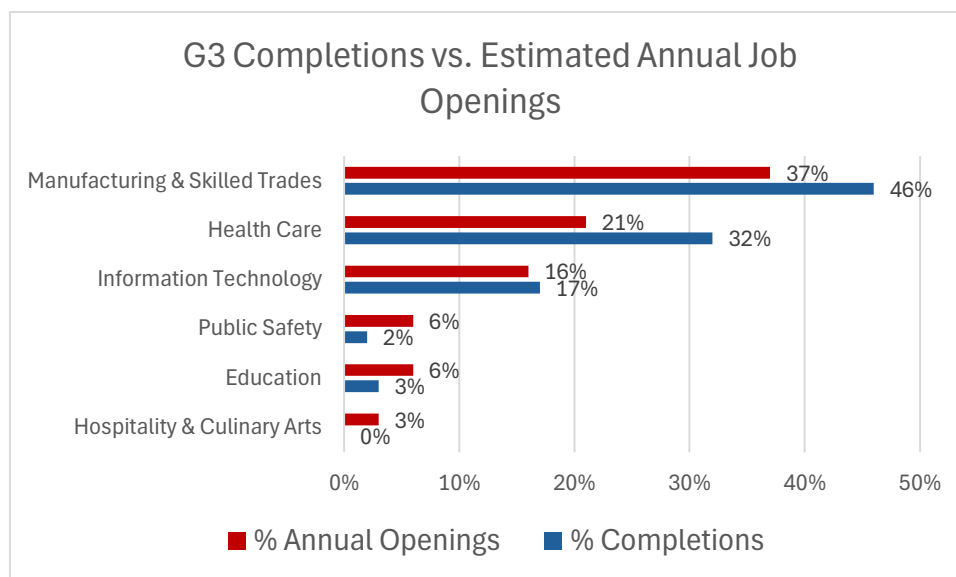


FIGURE 15. PROPORTION OF G3 COMPLETIONS COMPARED TO PROPORTION OF ANNUAL JOB OPENINGS

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	221-152-02	Medical Coding
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	AS	11.0701	246	Computer Science
Information Technology	AS	30.0101	880-02	Science-Computer Science
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
Education	AAS	19.0709	636	Early Childhood Development
Education	AS	13.0101	625	Education
Education	CSC	19.0709	221-636-04	Early Childhood Development I
Education	CSC	19.0709	221-636-10	Early Childhood Dev II
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736	Advanced Manuf Technology
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736-01	Mechatronics
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736-02	Manufacturing Engineering Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736-04	Manufacturing Biotechnology
Skilled Trades, Manufacturing & Construction	AAS	15.0899	967	Engineering Technology
Skilled Trades, Manufacturing & Construction	AAS	47.0604	909	Automotive Analysis and Repair
Skilled Trades, Manufacturing & Construction	AAS	47.0607	889	Aviation Maintenance Technolog
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-01	Science-Engineering
Skilled Trades, Manufacturing & Construction	CERT	47.0607	890	Airframe Maintenance
Skilled Trades, Manufacturing & Construction	CSC	15.0000	221-966-01	Engineering Assistant
Skilled Trades, Manufacturing & Construction	CSC	15.0000	221-966-02	Senior Engineering Assistant
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-03	Applied Mechatronics I
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-04	Applied Mechatronics II

Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-09	Applied Manuf Biotechnology
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-15	Applied Manufacturing Tech
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer Aided Drafting
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-08	Undercar and HVAC Systems
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-09	Auto Fuel & Electrical Systems
Public Safety	AAS	43.0103	456	Criminal Justice
Public Safety	CSC	43.0103	221-400-45	Criminal Justice Foundations
Public Safety	CSC	43.0103	221-400-47	Criminal Justice Advanced
Public Safety	CSC	43.0103	221-463-05	Law Enforcement Leadership

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

COLLEGE=Brightpoint

High Need Area	DEGREE	CIP Code	VCES Plan Code	Plan Title
Health Care	AAS	51.0904	146-01	EMS - Paramedic
Health Care	AAS	51.0911	172-01	Radiologic Technology
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	51.0904	221-146-12	AP Bridge to Paramedic
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 Systems Technology
Information Technology	AAS	11.0801	349-01	Web Design
Information Technology	AAS	11.0801	349-02	Web Design, Graphics Spec
Information Technology	AS	11.0701	246-01	Computer Science
Information Technology	CSC	11.0101	221-299-30	Computer Programming
Information Technology	CSC	11.0101	221-299-50	Cloud Computing
Information Technology	CSC	11.0801	221-352-02	Web Design
Information Technology	CSC	15.0303	221-732-07	Network Security & Support
Information Technology	CSC	15.0303	221-732-09	Cybersecurity
Information Technology	CSC	15.0303	221-732-10	CISCO Network Admin
Education	AAS	19.0709	636-01	Early Childhood Develop
Education	AS	13.0101	653-01	Teacher Education
Education	AS	13.1205	656-01	Secondary Teacher Education
Education	CERT	19.0709	634-01	Early Childhood Development
Education	CSC	19.0709	221-636-04	Early Childhood
Skilled Trades, Manufacturing & Construction	AAS	15.0101	822-01	Architectural Engineering Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-01	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0899	956-01	Mechanical Engineer Techno
Skilled Trades, Manufacturing & Construction	AAS	15.0899	956-05	Mec Egr Tech-Mechatronics
Skilled Trades, Manufacturing & Construction	AAS	15.0899	956-07	Mec Egr Tech - Energy Systems
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-01	Electrical Engrn Technology
Skilled Trades, Manufacturing & Construction	AS	14.0101	831-01	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-01	Science
Skilled Trades, Manufacturing & Construction	CERT	15.0599	821-01	Energy Technology
Skilled Trades, Manufacturing & Construction	CERT	46.0000	989-01	Building Construction
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995-01	Welding
Skilled Trades, Manufacturing & Construction	CERT	48.0599	885-01	Precision Machining Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0201	221-915-01	Surveying & GIS
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-01	Electricity
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-02	Residential Electricity
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-03	Industrial Electricity
Skilled Trades, Manufacturing & Construction	CSC	15.0599	221-820-07	Energy Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-10	Basic Precision Mach Tech
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Maintenance
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	CAD and Modeling
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-917-01	Construction Supervision
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-02	Computer Numerical Control

Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-03	Additive/Subtractive Mfg
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Heating & Air Conditioning
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-79	Pipefitting
Public Safety	AAS	43.0103	456-01	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	51.0908	181	Respiratory Therapy
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
Information Technology	AAS	11.0101	299	Information Systems Technology
Information Technology	AAS	15.0303	731	Networking and Electronic Tech
Information Technology	AS	11.0701	246	Computer Science
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	221-732-19	Advanced Cyber Security
Education	AAS	19.0709	636	Early Childhood Development
Education	CERT	19.0709	634	Early Childhood Develop (CERT)
Education	CSC	19.0709	221-636-04	Early Childhood Develop (CSC)
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968	Engineering Technology
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736	Mechatronics AAS
Skilled Trades, Manufacturing & Construction	AAS	15.1401	737	Nuclear Technology
Skilled Trades, Manufacturing & Construction	AAS	15.1401	737-01	Nuclear Technology-Mechatronic
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	CERT	15.0699	884	Industrial Maintenance Elect.
Skilled Trades, Manufacturing & Construction	CERT	15.0699	990	Industrial Maintenance Mechan.
Skilled Trades, Manufacturing & Construction	CERT	46.0302	942	Electrical Technology
Skilled Trades, Manufacturing & Construction	CERT	47.0201	903	HVAC (Cert)
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding Technology
Skilled Trades, Manufacturing & Construction	CERT	48.0599	959	Machine Shop
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-02	Mechatronics Plus
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-03	Mechatronics Fund. - STEM
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Maintenance Fund.
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-01	Industrial Main. Electronics
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-03	Industrial Maintenance Mech.
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-01	Electrical Tech. Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-02	Electrical Tech Plus
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-07	HVAC Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Heating Ventilation & Air Cond
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding Plus
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-03	Welding Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-05	Machine Technology Fund
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-06	Machine Technology
Skilled Trades, Manufacturing & Construction	DIPL	48.0599	477	Machine Tool & Quality
Skilled Trades, Manufacturing & Construction	DIPL	48.0599	960	Machine Tool
Public Safety	AAS	43.0103	456	Criminal Justice
Public Safety	CSC	43.0103	221-400-46	Criminal Justice Plus
Public Safety	CSC	43.0103	221-400-47	Criminal Justice Advanced
Hospitality & Culinary Arts	AAS	12.0500	242	Culinary Arts & Management
Hospitality & Culinary Arts	CERT	12.0500	245	Culinary Arts
Hospitality & Culinary Arts	CSC	52.0901	221-775-01	Hospitality Management

**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. Nrsg.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	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
Education	AAS	19.0709	636	Early Childhood Education
Education	CSC	19.0709	221-636-04	Early Childhood Development
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-05	Tech Studies Ind Tech Mech
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-09	Tech Studies Int Mach Tech
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-01	AST Medical Office Administrat
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-02	AST - General Office Spec.
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-04	AST.-Med. Office Coding Spec.
Skilled Trades, Manufacturing & Construction	CERT	15.0303	925	Industrial Electronic Prin.
Skilled Trades, Manufacturing & Construction	CERT	15.0699	990	Maintenance Mechanics
Skilled Trades, Manufacturing & Construction	CERT	46.0302	942	Industrial Electrical Princ.
Skilled Trades, Manufacturing & Construction	CERT	47.0201	903	Air Cond. & Refrig. Servicing
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding Technology
Skilled Trades, Manufacturing & Construction	CERT	52.0499	293	Office Information Processing
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-10	Machining Skills
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-12	Dimensional Inspection
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-08	Drafting and Surv.(Restricted)
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-13	BTT-Electrical*Spec. Pop. Only
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-940-05	Electrical Concepts
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-940-06	Electronic Concepts
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-07	AC & Refrig Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Auto Repair Fundamental
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-03	Basic Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-736-06	CNC Flow Cell Machining
Skilled Trades, Manufacturing & Construction	CSC	52.0499	221-298-01	General Office Studies
Skilled Trades, Manufacturing & Construction	DIPL	47.0105	940-02	Electrical/Electronics EngTech
Skilled Trades, Manufacturing & Construction	DIPL	47.0201	900	Air Conditioning & Refrigerati
Skilled Trades, Manufacturing & Construction	DIPL	47.0604	907	Auto Analysis & Repair
Skilled Trades, Manufacturing & Construction	DIPL	48.0508	707	Welding
Skilled Trades, Manufacturing & Construction	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	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	CSC	11.0101	221-299-21	Information Technology Support
Information Technology	CSC	11.0801	221-352-01	Webpage Development
Education	AAS	19.0709	636	Early Childhood Education
Education	CSC	19.0709	221-636-06	Early Childhood Ed-Preschool
Education	CSC	19.0709	221-636-08	Early Childhood Edu Sup Spec
Skilled Trades, Manufacturing & Construction	AAS	15.0303	981	Electronics Technology AAS
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	CERT	15.0303	925	Electronics Certificate
Skilled Trades, Manufacturing & Construction	CERT	15.0699	990	Industrial Technology Cert.
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding Certificate
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-01	Electricity-Electrician Helper
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-02	Electricity Electrician Assist
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Technology CSC
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-981-15	Electronics Technology
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	HVAC&R Technician Helper
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-12	HVAC&R Technician Assistant
Skilled Trades, Manufacturing & Construction	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
Education	AAS	19.0709	636	Early Childhood Development
Education	CERT	19.0709	632	Early Childhood Development Ct
Education	CSC	19.0709	221-636-06	Early Childhood Development
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	CSC	15.0000	221-968-78	Engineering Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Technology in Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-05	Adv Technology in Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Maintenance Technol
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer Aided Drafting Design
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Auto Diagnosis
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-69	Auto Technician
Public Safety	AAS	43.0103	400	Criminal Justice
Public Safety	CERT	43.0103	406	Found of Criminal 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	VCES 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	51.0909	171	Surgical Technology
Health Care	AAS	51.1004	151	Medical Laboratory Tech
Health Care	AAS	51.1599	480	Human Services
Health Care	AAS	51.1801	160	Opticianry
Health Care	AAS	51.3801	156	Nursing
Health Care	AAS	51.3801	156-02	LPN to RN
Health Care	AAS	51.3801	156-03	LPN to Nursing part-time
Health Care	AS	30.0101	880-07	Biotech Lab Tech Major
Health Care	CERT	51.0601	120	Dental Assisting
Health Care	CSC	51.0707	221-152-02	Rel of Health Info Special
Health Care	CSC	51.0707	221-152-06	Medical Records Coder
Health Care	CSC	51.0707	221-152-07	Advanced Medical Coder
Health Care	CSC	51.0904	221-146-01	Emerg Med Svc - EMT
Health Care	CSC	51.0999	221-190-01	Health Professions
Health Care	CSC	51.0999	221-190-05	Health Care Asst PAVE
Health Care	CSC	51.1599	221-480-30	Substance Abuse Counsl Ed
Health Care	CSC	51.1599	221-480-32	Behavioral Health Technician
Health Care	CSC	51.1599	221-480-44	Human Services Technician
Health Care	CSC	51.1801	221-160-04	Opticians Apprentice
Information Technology	AAS	11.0101	299	Information Systems Technology
Information Technology	AS	11.0701	246	Computer Science
Information Technology	CSC	11.0101	221-299-00	Comp App Fundamentals
Information Technology	CSC	11.0101	221-299-03	Computer Applications
Information Technology	CSC	11.0101	221-299-06	Computer Programmer
Information Technology	CSC	11.0101	221-299-18	Web Development
Information Technology	CSC	11.0101	221-299-50	Cloud Computing
Information Technology	CSC	15.0303	221-732-00	Network Fundamentals
Information Technology	CSC	15.0303	221-732-09	Cyber Security
Education	AAS	19.0709	636	Early Childhood Development
Education	AS	13.0101	625	Education AS
Education	AS	13.0101	625-M1	Elementary Education Major
Education	AS	13.0101	625-M2	Health and Phys Ed Major
Education	AS	13.0101	625-M3	Secondary English Edu Major
Education	AS	13.0101	625-M4	Secondary Math Edu Major
Education	AS	13.0101	625-M5	Secondary Science Edu Major
Education	AS	13.0101	625-M6	Secondary Social Studies Major
Education	AS	13.0101	625-M7	World Languages Edu Major
Education	CERT	19.0709	632	Early Childhood Development
Education	CSC	19.0709	221-636-02	Child Care Assistant PAVE
Education	CSC	19.0709	221-636-06	Early Childhood Education
Education	CSC	19.0709	221-636-08	Early Childhood Educ-Adv
Skilled Trades, Manufacturing & Construction	AAS	15.0000	895-02	Building Construction Mgmt
Skilled Trades, Manufacturing & Construction	AAS	47.0604	909	Automotive Technology
Skilled Trades, Manufacturing & Construction	AAS	47.0604	909-01	Auto Tech, OEM Major
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-06	Mathematics Major
Skilled Trades, Manufacturing & Construction	CERT	47.0604	902	Automotive Technology
Skilled Trades, Manufacturing & Construction	CERT	47.0605	920	Diesel Mechanics Technology
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer Aided Design Spec
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Auto Maintenance Light Repair

Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-02	Advanced Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-04	Welding Fundamentals - Stick
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-05	Welding Fundamentals - MIG
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-06	Welding Fundamentals - TIG
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-07	Welding Fundamentals - Pipe
Public Safety	AAS	43.0103	400-01	Administration of Justice AAS
Public Safety	AAS	43.0103	456	Criminal Justice
Public Safety	CSC	43.0103	221-400-45	Criminal Justice CSC
Public Safety	CSC	43.0203	221-427-02	Fire Science
Hospitality & Culinary Arts	AAS	12.0500	242-01	Culinary Arts
Hospitality & Culinary Arts	AAS	12.0500	242-02	Culinary Arts-Pastry Arts
Hospitality & Culinary Arts	AAS	12.0500	242-03	Culin Arts-Culinary Mgmt
Hospitality & Culinary Arts	CSC	12.0500	221-242-03	Culinary Fundamentals
Hospitality & Culinary Arts	CSC	12.0500	221-242-09	Food & Beverage Operations
Hospitality & Culinary Arts	CSC	12.0500	221-242-12	Foundations of Culin Tech

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	AS	30.0101	880-03	Science: Health Professions
Health Care	CERT	51.0799	285	Medical Billing/Coding
Health Care	CERT	51.0904	145	Paramedic
Health Care	CERT	51.3901	157	Practical Nursing
Health Care	CSC	51.0799	221-285-93	Medical Office Assistant
Health Care	CSC	51.0904	221-146-01	Emergency Medical Technician
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	AS	11.0701	246	Computer Science
Information Technology	AS	30.0101	880-04	Science: Computer Science
Information Technology	CSC	11.0101	221-299-01	Software Development
Information Technology	CSC	11.0101	221-299-32	AI & Machine Learning
Information Technology	CSC	11.0101	221-299-33	Immersive Technology
Information Technology	CSC	11.0101	221-299-50	Cloud Computing
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
Education	AAS	19.0709	636	Early Childhood Development
Education	AS	13.0101	625	Education
Education	CSC	19.0709	221-636-06	Early Childhood Development
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968	Genl Engr Tech/Mech Engr
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-01	Genl Engr Tech: Civil Eng Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-04	Gen Eng:Comp-Aided Drafting
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-10	Technical Studies - HVAC Track
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-20	Tech Studies - Drafting Track
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-30	Tech Studies-Pract Elec Track
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-40	Tech Studies-Industrial Design
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-50	Tech Studies-Ind Maint Tech Bs
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-60	Tech Studies-sUAS Oper. Track
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-70	Tech Studies-Basic Elec Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-80	Tech Studies-sUAS Techn. Track
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-01	Science: Agriculture Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-07	Science: Computatnal & Data Sc
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-08	Science Computational and Data
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-09	Science Math Major
Skilled Trades, Manufacturing & Construction	CSC	15.0201	221-915-01	Land Surveying
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-925-01	Basic Electronics Technician
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-02	Practical Electrical Tech
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-733-01	Robotics and Automation
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-09	Drafting
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Heating, Ventilation & Air Con
Public Safety	AS	30.0101	880-05	Science: Forensic Science

Public Safety	AS	30.0101	880-06	Science: Cybersecurity Engnrng
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 Leading LPN
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 Plus
Health Care	CSC	51.0904	221-146-05	EMT Adv & RN Bridge Paramedic
Health Care	CSC	51.0904	221-146-08	Emergency Medical Tech - Adv
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 (CNA)
Information Technology	AAS	15.0303	732	Computer Networking Technology
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
Education	CSC	19.0709	221-636-04	Early Childhood Development
Education	CSC	19.0709	221-636-05	Child Dev/Infant & Toddler
Education	CSC	19.0709	221-636-11	Early Child Dev/Spec Needs
Skilled Trades, Manufacturing & Construction	AAS	15.0599	820	Energy Technology
Skilled Trades, Manufacturing & Construction	AAS	15.0599	820-01	Electrical Specialization
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-02	Welding
Skilled Trades, Manufacturing & Construction	AAS	15.0699	726	Computerized Manufacturing Tec
Skilled Trades, Manufacturing & Construction	AAS	15.0699	726-01	CMT - Electromechanical
Skilled Trades, Manufacturing & Construction	AAS	15.1302	729	Comp-Aided Drafting/Design
Skilled Trades, Manufacturing & Construction	AAS	52.0499	222	Computer Software Specialist
Skilled Trades, Manufacturing & Construction	CERT	15.0699	990	Industrial Maintenance
Skilled Trades, Manufacturing & Construction	CERT	47.0201	903	Air Cond & Refrigeration
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding (Cert)
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-01	Electricity
Skilled Trades, Manufacturing & Construction	CSC	15.0599	221-820-05	Energy Tech - Electrical
Skilled Trades, Manufacturing & Construction	CSC	15.0599	221-820-06	Energy Tech - HVAC Emphasis
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Mechatronics Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0901	221-985-52	Machinery Maintenance
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-727-09	3-D Design
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-10	Construction
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-01	Electrical Fabricator
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Air Condition & Refrigeration
Skilled Trades, Manufacturing & Construction	CSC	47.0703	221-835-01	Solar Installer I
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding Operator I
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-02	Welding Operator II
Public Safety	AAS	43.0102	462	Correctional Services
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
Education	AS	13.0101	625	Education
Education	CSC	19.0709	221-636-04	Early Childhood Development
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	47.0105	938	Electrical and Instrumentation
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	CERT	48.0508	744	Pipe Welding
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Industrial, Structural Welding
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-706-40	Renewable Energy Technology Fu
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-01	Electrical Wiring Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-01	Practical Electrical Technicia
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-03	Electrical Troubleshooting
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-21	Instrumentation Technology Fun
Skilled Trades, Manufacturing & Construction	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
Hospitality & Culinary Arts	CERT	52.0901	271	Hospitality Services

Appendix 1. Approved G3 Programs by College
Academic Programs

COLLEGE=New River

High Need Area	DEGREE	CIP Code	VCSS 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	51.0904	221-146-01	Emergency Medical Technician
Health Care	CSC	51.0999	221-190-01	Health Professions Preparation
Health Care	CSC	51.1599	221-480-31	Recovery Specialist
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	AS	11.0701	246	Computer Science
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	15.0303	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
Education	AS	13.0101	625	Education
Education	CERT	19.0709	632	Early Child Development
Education	CSC	19.0709	221-636-04	Child Development
Education	CSC	19.0709	221-636-05	Child Dv Infant & Toddler
Skilled Trades, Manufacturing & Construction	AAS	15.0303	941	Electrical Engr Tech
Skilled Trades, Manufacturing & Construction	AAS	15.1302	729	Engineering Design Tech
Skilled Trades, Manufacturing & Construction	AAS	47.0105	938	Instr & Control Automation
Skilled Trades, Manufacturing & Construction	AAS	47.0105	981	Electronics Tech
Skilled Trades, Manufacturing & Construction	AAS	48.0599	950	Machine Technology
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298	Administrative Support Tech
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-02	Medical Admin Support
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-03	Paralegal Admin Support
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	14.0101	831-01	Engineering Computer Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0000	221-968-78	Eng Design Fundamentals I
Skilled Trades, Manufacturing & Construction	CSC	15.0000	221-968-79	Eng Design Fundamentals II
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-01	Electricity
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-06	Prac Electronics Tech I
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-07	Prac Electronics Tech II
Skilled Trades, Manufacturing & Construction	CSC	15.0599	221-820-04	Prac Ele Energy Tech I
Skilled Trades, Manufacturing & Construction	CSC	15.0599	221-820-05	Prac Ele Energy Tech II
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-02	Mechatronics Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-03	Applied Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-10	Advanced Manufacturing I
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Maintenance I
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-01	Industrial Maintenance II
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Engineering Design Tech
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-01	Practical Ele Tech I

Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-02	Practical Elec Tech II
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-02	Computer Numerical Control
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Refrigeration & Air Cond
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-04	Automotive Drivability
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-00	Fundamentals of Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-02	Advanced Welder
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-03	Basic Machine Tool Oper
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-04	Machine Operations
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-05	Machine Tech Fundamentals I
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-06	Machine Tech Fundamentals II
Skilled Trades, Manufacturing & Construction	CSC	52.0499	221-298-01	Administrative Assistant
Skilled Trades, Manufacturing & Construction	DIPL	47.0604	907	Automotive Analysis Repair
Skilled Trades, Manufacturing & Construction	DIPL	48.0599	951	Machine Operations
Public Safety	AAS	43.0103	456	Criminal Justice
Public Safety	AAS	43.0103	464	Police Science
Public Safety	AAS	43.0406	405	Forensic Science
Public Safety	CSC	43.0103	221-400-45	Criminal Justice Foundations I
Public Safety	CSC	43.0103	221-400-46	Crim Justice Foundations II
Public Safety	CSC	43.0103	221-400-48	Crime Scene & Criminal Invest

**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	Veterinary Technology (AAS)
Health Care	AAS	51.0602	1180	Dental Hygiene (AAS)
Health Care	AAS	51.0707	1520	Health Information Mgt (AAS)
Health Care	AAS	51.0803	1260	Occupational Therpy Asst (AAS)
Health Care	AAS	51.0806	1800	Physical Therapist Asst (AAS)
Health Care	AAS	51.0904	1460	Emergency Med Srvc (AAS)
Health Care	AAS	51.0908	1810	Respiratory Therapy (AAS)
Health Care	AAS	51.0910	1090	DiagMed Sonography (AAS)
Health Care	AAS	51.0910	1091	DiagMed S/Echocardiogr (AAS)
Health Care	AAS	51.0910	1092	DiagMed S/Vasc Sonogrp (AAS)
Health Care	AAS	51.0911	1720	Radiography (AAS)
Health Care	AAS	51.1004	1510	Medical Laboratory Tech (AAS)
Health Care	AAS	51.3801	1560	Nursing (AAS)
Health Care	CERT	51.0601	1200	Dental Assisting (CERT)
Health Care	CERT	51.1501	4030	SubstnceAbuseRehabCouns (CERT)
Health Care	CSC	51.0707	221-152-01	Clinical Data Coding (CSC)
Health Care	CSC	51.1004	221-151-02	Phlebotomy (CSC)
Health Care	CSC	51.1004	221-151-10	Med Lab Assistant -MLA- (CSC)
Information Technology	AAS	11.0101	2990	Information Systems Tech (AAS)
Information Technology	AAS	11.0101	2995	Info Tech/Cloud Computng (AAS)
Information Technology	AAS	11.1003	3450	CyberSecurity (AAS)
Information Technology	AS	11.0103	3400	Information Technology (AS)
Information Technology	AS	11.0701	2460	Computer Science (AS)
Information Technology	CSC	11.0101	221-299-11	Database Specialist (CSC)
Information Technology	CSC	11.0101	221-299-16	Data Center Operations (CSC)
Information Technology	CSC	11.0101	221-299-34	Artif Int & Data Anal (CSC)
Information Technology	CSC	11.0101	221-299-45	Mobile Application Dev (CSC)
Information Technology	CSC	11.0101	221-299-50	Cloud Computing (CSC)
Information Technology	CSC	11.0801	221-352-03	Web Design and Devlpment (CSC)
Information Technology	CSC	15.0303	221-732-04	Network Engineering Spec (CSC)
Information Technology	CSC	15.0303	221-732-09	Cybersecurity (CSC)
Education	AAS	19.0709	6360	Early Childhood Develop (AAS)
Education	AS	13.0101	625	Education (AS)
Education	AS	13.0101	625-02	Elementary Education (AS)
Education	AS	13.0101	625-04	K-12 Spec Ed Adapt & Gen (AS)
Education	CERT	19.0709	6320	Early Childhood Dev (CERT)
Education	CSC	13.0101	221-625-01	Teaching Professional (CSC)
Education	CSC	19.0709	221-636-04	Early Childhood Dev (CSC)
Education	CSC	19.0709	221-636-06	Infant and Toddler Care (CSC)
Skilled Trades, Manufacturing & Construction	AAS	15.0000	9680	Engineering Technology (AAS)
Skilled Trades, Manufacturing & Construction	AAS	15.0000	9684	Engr Tech/Data Ctr Oper (AAS)
Skilled Trades, Manufacturing & Construction	AAS	41.0101	1490	Biotechnology (AAS)
Skilled Trades, Manufacturing & Construction	AAS	46.0000	9170	Construction Mgmt Tech (AAS)
Skilled Trades, Manufacturing & Construction	AAS	47.0201	9040	Air Condition & Refridg (AAS)
Skilled Trades, Manufacturing & Construction	AAS	47.0604	9090	Automotive Technology (AAS)
Skilled Trades, Manufacturing & Construction	AS	14.0101	8310	Engineering (AS)
Skilled Trades, Manufacturing & Construction	CERT	47.0201	9030	Air Cond & Refrig (CERT)
Skilled Trades, Manufacturing & Construction	CSC	15.0000	221-968-80	Engineering Technol Tech (CSC)
Skilled Trades, Manufacturing & Construction	CSC	15.0201	221-915-01	Site Development (CSC)
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer Aid Draft&Desgn (CSC)
Skilled Trades, Manufacturing & Construction	CSC	41.0101	221-149-01	Biotechnology Lab Tech (CSC)
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-917-01	Construction Supervision (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	HVAC-R and Fac Serv Tech (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Auto Maint & Light Rep (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-02	Auto Diagnosis & Repai (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-10	Collision Repair Technol (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-46	Elec, Hybr, & Auton Veh (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-01	Diesel Basic Repair (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-04	Diesel Prevent Maint (CSC)
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding/Basic Techniques (CSC)
Public Safety	AAS	43.0103	4000	Administratn of Justice (AAS)
Public Safety	AAS	43.0103	4001	Adm of Just/Homeland Sec (AAS)
Public Safety	AAS	43.0103	456	Criminal Justice (AAS)
Public Safety	AAS	43.0103	456-01	Crim Just/Homeland Sec (AAS)

Public Safety	AS	43.0104	4710	Criminology/CrimJustice (AS)
Public Safety	CERT	43.0103	4060	Administratn of Justice (CERT)
Public Safety	CERT	43.0103	412	Criminal Justice (CERT)
Public Safety	CSC	43.0103	221-407-95	National Security (CSC)
Public Safety	CSC	43.0406	221-405-43	Forensic Investig/Gen (CSC)
Public Safety	CSC	43.0406	221-405-45	Forensic Investig/Advncd (CSC)

**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	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
Education	AAS	19.0709	636	Early Childhood Development
Education	AS	13.0101	625	Education
Education	CERT	19.0709	632	Early Childhood Education
Education	CSC	19.0709	221-636-05	Infant and Toddler Care
Education	CSC	19.0709	221-636-06	Early Childhood Instruction
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968	General Engineering Technologi
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-07	Motorsports Technology
Skilled Trades, Manufacturing & Construction	AAS	47.0105	981	Industrial Electronics Technol
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-01	Medical Office
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	CERT	15.1302	727	Computer Aided Drafting & Desi
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Industrial Welding
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-03	Residential Commercial Electri
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Applied Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-10	Advanced Manufacturing Technic
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-733-01	Robotics and Automation Techno
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Maintenance Elect
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-48	Adv Mfg-Advanced Films Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-02	Industrial Controls
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-74	Motorsports Technician
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-75	Advanced Race Car Set-up
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-10	Robotics Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-01	Machining Technician
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-03	CNC Lathe Operator
Skilled Trades, Manufacturing & Construction	CSC	52.0499	221-298-01	Office Assisting
Public Safety	AAS	43.0103	400	Administration of Justice
Public Safety	AAS	43.0103	456	Criminal 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	AS	11.0701	246	Computer Science
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
Education	AAS	19.0709	636	Early Childhood Develop
Education	CERT	19.0709	632	Child Development
Education	CSC	19.0707	221-636-05	Infant Toddler CSC
Education	CSC	19.0709	221-636-01	Early Childhood-CS
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736	Mechatronics
Skilled Trades, Manufacturing & Construction	AAS	15.0699	883	Industrial Technology
Skilled Trades, Manufacturing & Construction	AAS	15.0699	883-02	Ind Tch-Electron-Elec
Skilled Trades, Manufacturing & Construction	CERT	46.0302	942	Electricity
Skilled Trades, Manufacturing & Construction	CSC	15.0405	221-733-03	Ind Aut & Robotic
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial MaintCS
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-02	Pract Electr Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	HVAC Career CS
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-11	Building Maint.
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	General Welding
Skilled Trades, Manufacturing & Construction	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	Info Sys Tech Cybersecurity
Information Technology	AAS	11.0101	299-07	Info Sys Tech Programming
Information Technology	AAS	11.0101	299-08	Info Sys Tech Cloud Computing
Information Technology	AS	11.0701	246	Computer Science
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
Education	AS	13.0101	625	Education
Education	CSC	19.0709	221-636-05	Early Childhood Dev-Infant/Tod
Education	CSC	19.0709	221-636-06	Early Childhood Dev-Preschool
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Tech Stdy-Software Development
Skilled Trades, Manufacturing & Construction	AAS	47.0105	981	Industrial Electronics Tech
Skilled Trades, Manufacturing & Construction	AAS	47.0105	981-02	IET-Electronics Eng Spl
Skilled Trades, Manufacturing & Construction	AAS	47.0105	981-04	IET-Mechanical Eng Spl
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-05	Mechanical Technician
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-50	Manufacturing Technician
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-981-15	Electronics Technician
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	Advanced Criminal Justice
Hospitality & Culinary Arts	AAS	12.0500	242	Culinary Arts

**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	51.0910	109	Diagnostic Medical Sono: Echo
Health Care	AAS	51.3801	156-01	Nursing
Health Care	CERT	51.3901	157-01	Practical Nursing
Health Care	CSC	51.0904	221-146-07	Paramedic
Health Care	CSC	51.0904	221-146-08	Advanced EMT
Health Care	CSC	51.0910	221-109-08	Pre-DMS: Echocardiography
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
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-01	General Engineering Technology
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer Aided Drafting
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-01	Practical Electrical Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-21	Electrical & Instrumentat Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Advanced HVAC
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-12	Heating, Ventilation and A/C
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-02	Diesel Mechanics Technology
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
Hospitality & Culinary Arts	CSC	12.0500	221-242-03	Culinary Arts
Hospitality & Culinary Arts	CSC	12.0500	221-242-05	Baking & Pastry Fundamentals
Hospitality & Culinary Arts	CSC	12.0500	221-242-08	Advanced Culinary Arts

**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
Education	CSC	19.0709	221-636-04	Early Childhood (CSC)
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-03	Tech Studies/Pathway-IndTech
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-01	Adm Sup Tech Med OffAAS 298-01
Skilled Trades, Manufacturing & Construction	CERT	46.0302	942	Electricity (Cert 942)
Skilled Trades, Manufacturing & Construction	CERT	47.0604	910	Auto Diag & Tune-Up (Cert 910)
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding (CERT)
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Mechatronics CSC
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-10	Precision Machining (CSC)
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-01	Ind Ele Tech (221-990-01)
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-48	Adv Manu Tech (CSC 221-990-48)
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-991-28	High Performance Tech (CSC)
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-10	National Electricity Cd (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	HVAC Level I (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-12	HVAC Level II (CSC)
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Auto Tune-Up (CSC)
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding (CSC)
Public Safety	AAS	43.0103	456	Criminal Justice (AAS)
Public Safety	CERT	43.0103	412	Criminal Justice (CERT)
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	AS	30.0101	880-01	Science Pre-Medical
Health Care	AS	30.0101	880-03	Public Health
Health Care	AS	30.0101	880-04	Kinesiology
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	51.0904	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	51.1599	221-706-40	Renewable Energy and Energy Ef
Health Care	CSC	51.1801	221-160-05	Paraoptometric
Information Technology	AAS	11.0101	299-01	Information Systems Tech
Information Technology	CSC	11.0101	221-299-01	Software Development
Information Technology	CSC	11.0101	221-299-16	Info Tech & Business Fundament
Information Technology	CSC	15.0303	221-732-08	Cybersecurity & Network Fundam
Information Technology	CSC	15.0303	221-732-15	Cybersecurity
Education	AAS	19.0709	636-03	Early Childhood Develop
Education	AS	13.0101	625	Education
Education	CSC	19.0709	221-636-04	Early Childhood Education
Education	CSC	19.0709	221-636-05	Early Childhood Infant/Toddler
Skilled Trades, Manufacturing & Construction	AA&S	24.0101	881-01	Science
Skilled Trades, Manufacturing & Construction	AAS	15.0303	941-02	Electrical/Electronics
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-03	Advanced Manufacturing
Skilled Trades, Manufacturing & Construction	AAS	15.0901	711-01	Envi Mgt & Recreational Ecolog
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	CERT	47.0201	903-01	Heat/Vent & Air Condition
Skilled Trades, Manufacturing & Construction	CSC	14.0101	221-831-01	Pre-Engineering
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-02	Electrical
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-10	Precision Machining
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-14	Advanced Precision Machining
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	Industrial Maintenance
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-02	CAM and CADD Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Heating, Ventilation and Air C
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Automotive Diagnostic & Repair
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-46	Hybrid & Electric Vehicle Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-70	Advanced Automotive Technology
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-00	Welding Fundamentals
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-02	Advanced Welding & Fabrication
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-01	Manufacturing Fabrication
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-04	CNC & Machine Operations
Skilled Trades, Manufacturing & Construction	DIPLO	48.0508	707-01	Welding/Diploma
Public Safety	AAS	43.0103	400-01	Administration of Justice
Public Safety	AAS	43.0103	456	Criminal Justice
Public Safety	CERT	43.0103	463-01	Law Enforcement

Hospitality & Culinary Arts	AAS	12.0500	242-01	Culinary Arts
Hospitality & Culinary Arts	CSC	52.0901	221-241-02	Introduction to Food Service

**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	CERT	51.3901	157	Practical Nursing
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	221-146-08	Advanced Emergency Medical Tec
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
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	AS	11.0701	246	Computer Science
Information Technology	CERT	11.0101	200	Information Systems Technology
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
Education	AAS	19.0709	636	Early Childhood Development
Education	AS	13.0101	625	Education
Education	AS	13.0101	625-01	Elementary Education
Education	AS	13.0101	625-02	Middle/Secondary Education
Education	AS	13.0101	625-03	Special Education
Education	CERT	19.0709	632	Early Childhood Instruction
Education	CSC	13.1501	221-629-03	Educational Support Specialist
Education	CSC	19.0709	221-636-05	Preschool (CDA Equivalent)
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968	Engineering Technology
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-01	Engineering Tech: Civil
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-02	Engineering Tech: Electronics
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-03	Engineering Tech: Industrial
Skilled Trades, Manufacturing & Construction	AAS	15.0000	968-04	Engineering Tech: Mechanical
Skilled Trades, Manufacturing & Construction	AAS	15.0201	915	{Civil Engineering Technology}
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-10	TS - Technical Supervision
Skilled Trades, Manufacturing & Construction	AAS	15.0613	706	Mechatronics
Skilled Trades, Manufacturing & Construction	AAS	15.0699	963	{Industrial Technology}
Skilled Trades, Manufacturing & Construction	AAS	15.0699	963-04	{Industrial Supervision}
Skilled Trades, Manufacturing & Construction	AAS	15.0699	963-05	{Quality Assurance}
Skilled Trades, Manufacturing & Construction	AAS	15.0699	963-06	{Industrial Manufacturing Egr}
Skilled Trades, Manufacturing & Construction	AAS	15.0699	963-10	{Industrial Maintenance Tech}
Skilled Trades, Manufacturing & Construction	AAS	15.0699	963-12	{Occupational Safety}
Skilled Trades, Manufacturing & Construction	AAS	15.0899	956	Mechanical Engineering Technol
Skilled Trades, Manufacturing & Construction	AAS	15.1302	729	Comp-Aid Draft and Design Tech

Skilled Trades, Manufacturing & Construction	AAS	15.1302	729-01	Comp Aided Drafting & Design
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-01	Electrical Tech: Program & Log
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-02	Electrical Tech: Ind & Bus Mgt
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-03	Electrical Tech: Renewable Ene
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-04	Electrical Tech: Fiber & Data
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-05	Electrical Tech: Occup Safety
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-01	{Maritime Tech: Electrical}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-02	{Maritime Tech: Mechanical}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-03	{Maritime Tech: Structural}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-04	{Maritime Tech: HVAC}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-05	{Maritime Tech: CAD}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-06	{Maritime Tech: Indust. Mgmt}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-07	{Maritime Tech: Occup. Safety}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-08	{Maritime Tech: Pipefitter}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-09	{Maritime Tech: Inside Machin}
Skilled Trades, Manufacturing & Construction	AAS	47.0000	746-10	Maritime Tech: Trades Tech
Skilled Trades, Manufacturing & Construction	AAS	47.0105	981	{Electronics Technology}
Skilled Trades, Manufacturing & Construction	AAS	47.0201	904	HVAC/R
Skilled Trades, Manufacturing & Construction	AAS	47.0604	909	Automotive Technology
Skilled Trades, Manufacturing & Construction	AAS	47.0605	790-01	Diesel Tech: Diesel Marine Tec
Skilled Trades, Manufacturing & Construction	AAS	47.0605	790-02	Diesel Tech: Med/Heavy Truck
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-02	Chemistry
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-03	Biology
Skilled Trades, Manufacturing & Construction	CERT	15.0303	943	{Electronics Engineering Tech}
Skilled Trades, Manufacturing & Construction	CERT	15.1302	727	Comp-Aid Draft and Design Tech
Skilled Trades, Manufacturing & Construction	CERT	46.0302	942	Electrical Wiring
Skilled Trades, Manufacturing & Construction	CERT	47.0201	903	Air Cond. and Refrigeration
Skilled Trades, Manufacturing & Construction	CERT	48.0508	995	Welding
Skilled Trades, Manufacturing & Construction	CSC	15.0201	221-915-01	Land Surveying
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-925-02	Electronics Engineering Tech
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Mechatronics Trainee
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-02	Mechatronics Technician
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-990-00	{Industrial Maintenance}
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-991-16	{Industrial Management}
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-991-50	Occupational Safety
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-991-51	Quality Assurance
Skilled Trades, Manufacturing & Construction	CSC	15.0899	221-953-10	Marine Gasoline Engine Tech
Skilled Trades, Manufacturing & Construction	CSC	15.0899	221-953-15	Trade Technician
Skilled Trades, Manufacturing & Construction	CSC	15.0899	221-953-20	Marine Mechanical
Skilled Trades, Manufacturing & Construction	CSC	15.0899	221-953-30	{Maritime Welding}
Skilled Trades, Manufacturing & Construction	CSC	15.0899	221-953-38	Maritime Technologies
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-917-01	Construction Project Mgmt
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-01	Electrical Wiring
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-10	Marine Electrical
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-11	Off-Shore Wind Energy Tech.
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-30	Fiber and Data Cabling Install
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-40	Renewable Energy Technologies
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-90	{Mechatronics}
Skilled Trades, Manufacturing & Construction	CSC	47.0105	221-938-02	Computer Numerical Controls Op
Skilled Trades, Manufacturing & Construction	CSC	47.0603	221-908-01	Collision Repair Technology
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	{Automotive Eng Performance}
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-02	Automotive Trainee
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-06	{Automotive Powertrains}
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-45	{Automotive Electronics}
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-67	Auto Maint & Light Repair Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-69	Automotive Technician
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-984-03	Electrified Powertrain Tech
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-02	Diesel Engine Technician
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-20	Diesel Marine Technician
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-52	DSL Med/Heavy Truck Srvc Tech
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-79	Pipefitter
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-03	Inside Machinist
Skilled Trades, Manufacturing & Construction	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	43.0103	456	Criminal Justice
Public Safety	AAS	43.0103	456-01	Forensic Science

Public Safety	AAS	43.0103	456-02	Homeland Security
Public Safety	AAS	43.0103	456-03	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
Hospitality & Culinary Arts	AAS	12.0500	242	Culinary Arts
Hospitality & Culinary Arts	AAS	52.0901	775	Hospitality Management
Hospitality & Culinary Arts	AAS	52.0901	775-02	Food Service Management
Hospitality & Culinary Arts	AAS	52.0901	775-03	Event Planning
Hospitality & Culinary Arts	CSC	12.0500	221-242-01	Catering
Hospitality & Culinary Arts	CSC	12.0500	221-242-02	Classical Cooking
Hospitality & Culinary Arts	CSC	52.0901	221-241-64	Food Service Management Trainee
Hospitality & Culinary Arts	CSC	52.0901	221-267-01	Event Planning
Hospitality & Culinary Arts	CSC	52.0901	221-775-02	Lodging Management Trainee
Hospitality & Culinary Arts	CSC	52.0901	221-775-04	Kitchen Management

**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	51.1599	480	Human Services
Health Care	AAS	51.3801	156	Nursing
Health Care	AAS	51.3801	156-01	LPN to RN Bridge
Health Care	AS	30.0101	880-04	Science - Major in Medical Lab
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	51.0904	221-146-03	Advanced Emergency Medical Tec
Health Care	CSC	51.0911	221-172-02	Computerized Tomography
Health Care	CSC	51.1004	221-151-02	Phlebotomy
Health Care	CSC	51.1599	221-480-30	Substance Abuse Counselor Asst
Health Care	CSC	51.3901	221-157-04	Nurse Aide
Information Technology	AAS	11.0101	299-01	Info Sys Tech Networking
Information Technology	AS	11.0701	246	Computer Science
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
Education	AA&S	24.0101	624	Education
Education	AS	13.0101	625	Education
Education	CSC	19.0709	221-636-05	ECD Infant and Toddler Care
Education	CSC	19.0709	221-636-06	Early Childhood Education
Education	CSC	19.0709	221-636-08	Adv. Early Childhood Education
Education	CSC	19.0709	221-636-11	ECD, Special Needs
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841	Electrical Technology
Skilled Trades, Manufacturing & Construction	AAS	46.0302	841-01	Electrical Tech - Mechatronics
Skilled Trades, Manufacturing & Construction	AAS	47.0201	904	Air Cond, Refrigeration & Heat
Skilled Trades, Manufacturing & Construction	AAS	48.0599	950	Computer Numerical Control
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298	Office Management
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science - AS
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-01	Science - Major in Biology
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-02	Science - Major in Chemistry
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-03	Science - Major in Mathematics
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-05	Science - Major Nat. Resources
Skilled Trades, Manufacturing & Construction	CERT	46.0302	942	Electricity
Skilled Trades, Manufacturing & Construction	CERT	52.0499	218	Clerical Studies
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-03	Applied Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-05	Advanced Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-883-14	Advanced Precision Machining
Skilled Trades, Manufacturing & Construction	CSC	15.0699	221-991-07	Industrial Supervision
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-01	Practical Electrical Tech.
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-02	Adv. Practical Electrical Tech
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-15	Industrial Electricity
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-20	Refrigeration
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-21	Commercial Refrigeration
Skilled Trades, Manufacturing & Construction	CSC	47.0605	221-920-01	Diesel Technology
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-02	Advanced Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-03	Welding
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-03	Precision Machining
Public Safety	AAS	43.0103	456	Criminal Justice
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	221-146-09	EMS/Advance Standing Paramedic
Health Care	CSC	51.1599	221-480-14	Benefits Program Specialist
Health Care	CSC	51.1599	221-480-30	Substance Abuse Counselor Asst
Information Technology	AAS	11.0101	299	Information Systems Technology
Information Technology	AS	11.0103	340	Information Technology
Information Technology	AS	11.0701	246	Computer Science
Information Technology	CSC	11.0801	221-352-02	Web Design Specialist
Information Technology	CSC	15.0303	221-732-15	Cybersecurity for Enterprise
Education	AAS	19.0709	636	Early Childhood Development
Education	CERT	19.0709	632	Early Childhood Dev Assistant
Education	CSC	19.0709	221-636-04	Child Development
Skilled Trades, Manufacturing & Construction	AAS	15.0303	941	Electrical Engineering Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-02	Tech Studies/HVAC & Refrig
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-04	Tech Studies/Engineering Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0899	956	Mechanical Engineering Techn
Skilled Trades, Manufacturing & Construction	AAS	15.0899	956-02	MET/Mechatronics
Skilled Trades, Manufacturing & Construction	AAS	15.1302	729	Computer-Aided Draft & Design
Skilled Trades, Manufacturing & Construction	AAS	47.0604	909	Automotive Technology
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	CERT	15.1302	727	Computer-Aided Draft & Design
Skilled Trades, Manufacturing & Construction	CERT	47.0201	903	Air Condition & Refrigeration
Skilled Trades, Manufacturing & Construction	CERT	47.0604	902	Automotive Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-01	Found of Elect Engine Tech
Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-941-02	Electrical Engineer Technician
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Mechatronics Technology
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer-Aided Draft & Design
Skilled Trades, Manufacturing & Construction	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	43.0103	221-400-46	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	AS	30.0101	880-02	Science - Health Sciences
Health Care	AS	30.0101	880-09	Science: Biotechnology
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	51.0803	221-126-01	HP: Intro Occu Therapy Asst
Health Care	CSC	51.0803	221-126-03	HP: Intro to OTA Pediatrics
Health Care	CSC	51.0806	221-180-01	HP: Intro Phys Therapist Asst
Health Care	CSC	51.0904	221-146-01	Emergency Medical Tech
Health Care	CSC	51.0904	221-146-04	HP: Introduction to Paramedic
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	AS	11.0701	246	Computer Science
Information Technology	AS	30.0101	880-01	Science: Computer Science
Information Technology	CSC	11.0101	221-299-12	Database and Program Developer
Information Technology	CSC	11.0101	221-299-23	IST: Info Tech Support Analyst
Information Technology	CSC	11.0801	221-352-03	IST: Web Programmer
Information Technology	CSC	15.0303	221-732-02	IST: Network & Security Admin
Information Technology	CSC	15.0303	221-732-09	IST: Cyber Security
Information Technology	CSC	15.0303	221-732-12	IST: CISCO CCNA Networking
Education	AAS	19.0709	636	Early Childhood Development
Education	CSC	19.0709	221-636-04	Early Childhood Development
Education	CSC	19.0709	221-636-06	ECD - Infant and Toddler Care
Education	CSC	19.0709	221-636-10	Early Childhood Dev Advanced
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736	Mechatronics Sys Engineer Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736-01	MSET: Design Engineering Tech
Skilled Trades, Manufacturing & Construction	AAS	15.0613	736-02	MSET: Electrical Engineer Tech
Skilled Trades, Manufacturing & Construction	AAS	52.0499	298-03	AMT- Medical Admin Management
Skilled Trades, Manufacturing & Construction	AS	14.0101	831	Engineering
Skilled Trades, Manufacturing & Construction	AS	14.0101	831-01	Engineering: Computer Science
Skilled Trades, Manufacturing & Construction	AS	14.0101	831-02	Engr-Engineering Construction
Skilled Trades, Manufacturing & Construction	AS	30.0101	880	Science
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-04	Science: Mathematics
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-05	Sci: Integrated Enviro Studies
Skilled Trades, Manufacturing & Construction	AS	30.0101	880-08	Science: Agriculture

Skilled Trades, Manufacturing & Construction	CSC	15.0303	221-731-98	Maintenance Technology
Skilled Trades, Manufacturing & Construction	CSC	15.0613	221-736-01	Technology in Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	15.1302	221-729-01	Computer Draft & Design (CAD)
Skilled Trades, Manufacturing & Construction	CSC	41.0101	221-149-01	Biotechnology
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-917-01	Construction Management
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-00	Building Trades Technology
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-80	Plumbing
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-01	Electrical Wiring
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-706-90	Adv Technology in Mechatronics
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	Air Condition & Refrigeration
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-13	Commercial HVAC/Refrigeration
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-01	Automotive Analysis & Repair
Skilled Trades, Manufacturing & Construction	CSC	47.0604	221-909-44	Autonomous Vehicle Technology
Skilled Trades, Manufacturing & Construction	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
Hospitality & Culinary Arts	AAS	12.0500	242	Culinary Arts
Hospitality & Culinary Arts	AAS	12.0500	242-01	Culinary Arts: Baking SPEC
Hospitality & Culinary Arts	CSC	12.0500	221-242-03	Culinary Arts: ADV Foodservice
Hospitality & Culinary Arts	CSC	12.0500	221-242-05	Culinary Arts: Baking & Pastry
Hospitality & Culinary Arts	CSC	12.0500	221-242-07	Culinary: Cake Prod & Decorate
Hospitality & Culinary Arts	CSC	52.0901	221-241-02	Culinary: Intro to Foodservice
Hospitality & Culinary Arts	CSC	52.0901	221-775-01	Hospitality Management

**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	51.0999	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	CSC	11.0101	221-299-05	Web Design and Office Appl
Information Technology	CSC	15.0303	221-732-09	Cybersecurity & Network
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718	Technical Studies
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-06	Technical Studies Welding
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-07	Technical Studies Electrical
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-08	Technical Studies HVAC
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-09	Technical Studies Plumbing
Skilled Trades, Manufacturing & Construction	AAS	15.0612	718-10	Technical Studies Carpentry
Skilled Trades, Manufacturing & Construction	AAS	48.0599	950	Machine Technology
Skilled Trades, Manufacturing & Construction	CERT	48.0599	952	Machine Tool Operations
Skilled Trades, Manufacturing & Construction	CERT	52.0499	218	Clerical Studies
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-34	Carpentry I
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-35	Carpentry II
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-80	Plumbing I
Skilled Trades, Manufacturing & Construction	CSC	46.0000	221-989-81	Plumbing II
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-35	Electrical I
Skilled Trades, Manufacturing & Construction	CSC	46.0302	221-942-36	Electrical II
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-10	HVAC I
Skilled Trades, Manufacturing & Construction	CSC	47.0201	221-903-12	HVAC II
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-01	Welding I
Skilled Trades, Manufacturing & Construction	CSC	48.0508	221-995-02	Welding II
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-05	Machine Tech I
Skilled Trades, Manufacturing & Construction	CSC	48.0599	221-952-06	Machine Tech II
Skilled Trades, Manufacturing & Construction	CSC	52.0499	221-218-01	Clerical Assistant
Skilled Trades, Manufacturing & Construction	DIPL	46.0000	745-01	Carpentry
Skilled Trades, Manufacturing & Construction	DIPL	46.0000	745-02	Electrical
Skilled Trades, Manufacturing & Construction	DIPL	46.0000	745-03	Plumbing
Skilled Trades, Manufacturing & Construction	DIPL	46.0000	745-04	HVAC
Public Safety	AAS	43.0102	462	Corrections Science
Public Safety	AAS	43.0103	456	Criminal Justice
Public Safety	CSC	22.0302	221-260-01	Legal Assistant
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

Program Description

AWS Academy Cloud Foundations
AWS Certified Solutions Architect
AWS I2PA
Advanced Emergency Medical Technician (AEMT)
Central Service Technician
Certified Logistics Associate
Certified Logistics Technician
Certified Nurse Aide
Certified Professional Coder
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Network+
CompTIA Security+
Core - Introductory Craft Skills
Drill Press Skills I
EKG Technician
Emergency Medical Technician
Flux Core Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Grinding Skills I
Heavy Equipment Operations - Level 1
Heavy Equipment Operations - Level 2
IPC-A-610 Soldering
J-STD-001 Soldering
Java Script Developer Certificate
JavaScript Boot Camp
Job Planning, Benchwork & Layout
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Level I CNC Turning: Operations
Manual Milling Skills I
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Measurement, Materials, and Safety
Medical Assistant
Medication Aide
Microsoft Technology Associate – HTML5 Application Development Fundamentals
Patient Care Technician

Pharmacy Technician
Phlebotomy Technician
Pipe Welding (ASME IX Pipe)
Plumbing - Level 1
Registered Medical Assistant (RMA)
Shielded Metal Arc Welding (SMAW)
Sterile Processing and Distribution Technician
Turning Operations: Turning Between Centers
Turning Operations: Turning Chucking Skills

Appendix 1. Approved G3 Programs by College

WCG Programs

college=Brightpoint

Program Description

AWS Certified Solutions Architect (Associate)
AWS Cloud Practitioner
AWS I2PA
AWS Security Specialist
Bridge Preservation for Inspectors
Central Mix Aggregate Plant
Central Mix Aggregate Plant Certification Renewal
Certified Apartment Maintenance Technician
Certified Associate in Project Management (CAPM)
Certified Logistics Associate
Certified Logistics Technician
Certified Nurse Aide
Certified Professional Biller
Certified Professional Coder
Clinical Medical Assistant
CompTIA A+
CompTIA IT Fundamentals
CompTIA Linux+
CompTIA Network+
CompTIA Security+
Core-Introductory Craft Skills
Documentation & Record Keeping for Inspectors
EKG Technician
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Emergency Medical Technician
Emergency Telecommunicator
English Speaker of Other Languages (ESOL) Content Endorsement
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer (Levels 1-3)
HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Heavy Equipment Operations - Level 1
IEC Electrical Level 4
IEC Electrical level 1

IEC Electrical level 2
IEC Electrical level 3
Intermediate Work Zone Traffic Control Training and Flagger Certification
Intermediate Work Zone Traffic Control and Flagger Certification Renewal
Lean Practitioner Certification
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Medical Coding & Billing Specialist
Medication Aide
New Structures and Bridges for Inspectors
Pharmaceutical Manufacturing Technician (PharmaMT)
Pharmacy Technician
Phlebotomy Technician
Plan Reading for Inspectors
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Project Management Professional
Python Programming
Roadway Construction & Drainage for Inspectors
Site Manager
Structures and Bridges for Inspectors
Surveying for Inspectors
Teacher License
Technical Professional Teaching License
Virginia Collegiate Professional Teaching License

Appendix 1. Approved G3 Programs by College WCG Programs

college=Central Virginia

Program Description

AWS I2PA
Advanced Emergency Medical Technician (AEMT)
Apartment Maintenance Technician
Applied Fluid Power - Maintenance & Troubleshooting – FESTO Advanced Mechatronics (Level 2)
Applied Industry – FESTO Advanced Mechatronics (Level 2)
Applied Mechanical Systems – FESTO (Level 2)
Applied PLC Technology II: Allen Bradley – Advanced Mechatronics (Level 2)
Applied PLC Technology II: Siemens – Advanced Mechatronics (Level 2)
Applied Product ID Fundamentals – FESTO Advanced Mechatronics (Level 2)
Applied Robotics – FESTO Advanced Mechatronics (Level 2)
Apprentice Medical Scribe Professional (AMSP)
Backflow Prevention Device Certification
CISCO Certified Network Associate
Carpentry - Level 1
Carpentry - Level 2
Carpentry - Level 3
Carpentry - Level 4
Certified Industry 4.0 Associate - Fundamentals (Level 1)
Certified Industry 4.0 Technician - Applied (Level 2)
Certified Nursing Aide
Certified Production Technician
Certified Professional Coder
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA IT Tech+
CompTIA Network+
CompTIA Security+
Core-Introductory Craft Skills
EKG Technician
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Electricity Fundamentals- AC - FESTO 4.0 (Level 1)
Electricity Fundamentals- DC - FESTO 4.0 (Level 1)
Emergency Medical Technician
Fluid Power Fundamentals - Festo Industry 4.0 Level 1
Fundamentals of Fluid Power - Hydraulics – FESTO (Level 1)
Fundamentals of Industry 4.0 (Level 1)
Fundamentals of Industry 4.0 – FESTO (Level 1)
Fundamentals of Mechanical Systems - FESTO (Level 1)
Fundamentals of PLC : Allen Bradley – Level 1
Fundamentals of PLC : Siemens - Level 1
Fundamentals of Robotics - FESTO (Level 1)
Fundamentals of Sensor Technology – PLC Sensors I - FESTO (Level 1)

HVAC - Level 4
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
NCCER HVAC Level 1
NCCER HVAC Level 2
NCCER HVAC Level 3
NCCER Heavy Equipment Operator Level 1
NCCER Heavy Equipment Operator Level 2
NCCER Heavy Equipment Operator Level 3
NCCER Industrial Maintenance Electrical & Instrumentation (IME&I) Levels 1-4
NCCER Industrial Maintenance Mechanic Levels 1-4
NCCER Pipefitting Level 1
NCCER Pipefitting Level 2
NCCER Pipefitting Level 3
NCCER Pipefitting Level 4
NCCER Welding - Level 3
NCCER Welding - Level 4
Paramedic
Pharmacy Technician
Phlebotomy Technician
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
SHRM Certified Professional (SHRM-CP)
Senior Certified Professional (SCP)
Shielded Metal Arc Welding (SMAW)
Solar Installation Tech (SHINE)
Solar Photovoltaic Systems Installer
Welding - Level 1
Welding - Level 2

Appendix 1. Approved G3 Programs by College

WCG Programs

college=Danville

Program Description

ASE Entry-Level Medium/Heavy Truck Brakes
ASE Entry-Level Medium/Heavy Truck Diesel Engines
ASE Entry-Level Medium/Heavy Truck Electrical/Electronic Systems
ASE Entry-Level Medium/Heavy Truck Inspection Maintenance & Minor Repair
ASE Entry-Level Medium/Heavy Truck Suspension & Steering
AWS I2PA
Advanced Emergency Medical Technician
Autodesk Certified User
Backflow Prevention Device Certification
CISCO Certified Entry Networking Technician (CCENT)
CISCO Certified Network Associate
CISCO Certified Network Professional
Carpentry - Level 1
Carpentry - Level 2
Carpentry - Level 3
Certified Front Desk Representative
Certified Hospitality Manager
Certified Maintenance Employee
Certified Nurse Aide
Certified Production Technician
Certified Restaurant Server
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Network+
CompTIA Security+
CompTIA Server+
Dry Wall - Level 1
Dry Wall - Level 2
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Electrical Journeyman
Electrical Tradesman License Renewal
Emergency Medical Technician
Emergency Medical Technician - Intermediate
Flux Cored Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)

HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC Tradesman License Renewal
HVACR
Industrial Maintenance Mechanic Level 2
Industrial Maintenance Mechanic Level 4
Industrial Maintenance Mechanics Level 3
Industrial Maintenance, Electrical and Instrumentation Level 1
Industrial Maintenance, Electrical and Instrumentation Level 2
Industrial Maintenance, Electrical and Instrumentation Level 3
Industrial Maintenance, Electrical and Instrumentation Level 4
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Level I CNC Turning: Operations
Level I CNC Turning: Programming Setup & Operations
Level II CNC Milling Skills II
Level II CNC Turning Skills II
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Measurement, Materials, and Safety
Medication Aide
Microsoft MTA Networking Fundamentals
Microsoft MTA Server Administration Fundamentals
NCCER Core
NCCER Industrial Maintenance Mechanic Level 1
Painting - Level 1
Painting - Level 2
Painting - Level 3
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Plumbing Tradesman License Renewal
Roofing - Level 1
Roofing - Level 2
ServSafe Food Manager
Shielded Metal Arc Welding (SMAW)
Siemens Mechatronic Systems Certification Program Level 1

Appendix 1. Approved G3 Programs by College WCG Programs

college=Eastern Shore

Program Description

AWS I2PA
Apprentice Medical Scribe Professional (AMSP)
Certification in Cybersecurity
Certification in Governance, Risk & Compliance
Certified Cloud Risk Management Professional
Certified EKG Technician (CET)
Certified Hospitality Manager
Certified Information Security Manager
Certified Information Systems Auditor
Certified Information Systems Security Professional (CISSP)
Certified Nurse Aide
Cloud Essentials+
CompTIA A+
CompTIA Network+
CompTIA Security+
CompTIA Tech+
Core-Introductory Craft Skills
Electrical - Level 1
Electrical - Level 2
Pharmacy Technician
Phlebotomy Technician
Welding Level 1
Welding Level 2

Appendix 1. Approved G3 Programs by College WCG Programs

college=Germannanna

Program Description

AWS Certified Solutions Architect (Associate)
AWS Cloud Practitioner
AWS I2PA
Advanced Cardiac Life Support
Advanced Emergency Medical Technician (AEMT)
Advanced Security Practitioner (CASP)
Asphalt - Surface Treatment Certification Renewal
Backflow Prevention Device Certification
CISCO Certified Entry Networking Technician (CENT)
CISCO Certified Network Associate
Carpentry - Level 1
Carpentry - Level 2
Certified Billing and Coding Specialist
Certified Ethical Hacker
Certified Medical Administrative Assistant
Certified Nurse Aide
Clinical Medical Assistant
Clinical Medical Assistant
CompTIA A+
CompTIA IT Tech+
CompTIA Linux+
CompTIA Network+
Construction Craft Laborer Level 1
Construction Craft Laborer Level 2
Construction Project Management
Contractor's License
Core-Introductory Craft Skills
Cybersecurity Analyst
EKG Technician
Electrical - Level 1
Electrical - Level 2
Electrical - Level 4
Electrical- Level 3
Emergency Medical Technician
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer (Levels 1-3)
Flux Core Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
HVAC - Level 1

HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Heavy Equipment Operations - Level 1
Heavy Equipment Operations - Level 2
IEC Electrical Level 1
IEC Electrical Level 2
IEC Electrical Level 3
IEC Electrical Level 4
Industrial Machining Level 1: Manual Milling Skills 1
Industrial Machining: Turning Between Centers
Industrial Maintenance Mechanic - Level 1
Industrial Technology Maintenance - Basic Hydraulic Systems
Industrial Technology Maintenance - Basic Mechanical Systems
Industrial Technology Maintenance - Electrical Systems
Industrial Technology Maintenance - Maintenance Operations
Industrial Technology Maintenance - Maintenance Piping
Industrial Technology Maintenance - Maintenance Welding
Job Planning, Benchwork & Layout
Level 1 CNC Turning Programming Setup & Operations
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Machining Level 1: CNC Turning - Operator
Machining Level 1: Drill Press Skills I
Machining Level 1: Grinding I
Machining Level 1: Turning Operations - Turning Chucking Skills I
Measurement, Materials, and Safety
Medication Aide
Network Pro
Phlebotomy Technician
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Project Management Professional (PMP)
Shielded Metal Arc Welding (SMAW)
Slurry Seal
Slurry Seal Certification Renewal
Sprinkler Fitting Level 1
Sprinkler Fitting Level 2
Sprinkler Fitting Level 3
Sprinkler Fitting Level 4
Surface Treatment
VDOT Asphalt Field Level 1
VDOT Asphalt Field Level 1 Certification Renewal
VDOT Asphalt Field Level 2

VDOT Asphalt Field Level 2 Certification Renewal
VDOT Asphalt Plant Level 1
VDOT Asphalt Plant Level 1 Certification Renewal
VDOT Asphalt Plant Level 2
VDOT Asphalt Plant Level 2 Certification Renewal
Welding - Level 1
Welding - Level 2
Work Zone Flagger
Work Zone Flagger Certification Renewal

Appendix 1. Approved G3 Programs by College WCG Programs

college=J. Sargeant Reynolds

Program Description

AWS Certified Solutions Architect (Associate)
AWS Certified Solutions Architect (Associate)
AWS Cloud Practitioner
AWS Cloud Practitioner
AWS I2PA
AWS Security Specialist
AWS Security Specialist
Bridge Preservation for Inspectors
Central Mix Aggregate Plant
Central Mix Aggregate Plant Certification Renewal
Certified Apartment Maintenance Technician
Certified Associate in Project Management (CAPM)
Certified Logistics Associate
Certified Logistics Technician
Certified Nurse Aide
Certified Professional Biller
Certified Professional Coder
Clinical Medical Assistant
CompTIA A+
CompTIA A+
CompTIA IT Tech+
CompTIA Linux+
CompTIA Linux+
CompTIA Network+
CompTIA Network+
CompTIA Security+
CompTIA Security+
Core-Introductory Craft Skills
Documentation & Record Keeping for Inspectors
EKG Technician
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Emergency Medical Technician
Emergency Telecommunicator
English Speaker of Other Languages (ESOL) Content Endorsement
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer (Levels 1-3)

HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Heavy Equipment Operations - Level 1
IEC Electrical Level 4
IEC Electrical level 1
IEC Electrical level 2
IEC Electrical level 3
Intermediate Work Zone Traffic Control Training and Flagger Certification
Intermediate Work Zone Traffic Control and Flagger Certification Renewal
Lean Practitioner Certification
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Medical Coding & Billing Specialist
Medication Aide
New Structures and Bridges for Inspectors
Pharmaceutical Manufacturing Technician (PharmaMT)
Pharmacy Technician
Phlebotomy Technician
Plan Reading for Inspectors
Plumbing - Level 1
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Project Management Professional
Python Programming
Python Programming
Roadway Construction & Drainage for Inspectors
Site Manager
Structures and Bridges for Inspectors
Surveying for Inspectors
Surveying for Inspectors
Teacher License
Technical Professional Teaching License
Virginia Collegiate Professional Teaching License

Appendix 1. Approved G3 Programs by College WCG Programs

college=Laurel Ridge

Program Description

AC Electricity
AWS Cloud Pracitioner
AWS I2PA
Applied Fluid Powers - Level 2
Applied Industrial Motor Controls (Mechatronics)
Applied Mechanical Systems Level 2
Applied PLCs Level 2
Applied Principles of Smart Sensors (Mechatronics)
Applied Product ID Fundamentals
Applied Robotics Level 2
Apprentice Medical Scribe Professional (AMSP)
Carpentry - Level 1
Certified Medical Administrative Assistant (CMAA)
Certified Nurse Aide
Clinical Medical Assistant
CompTIA A+
CompTIA Advanced Security Practitioner (CASP+)
CompTIA Cloud Essentials+
CompTIA Cloud+
CompTIA Cybersecurity Analyst (CYSA+)
CompTIA Cyst+ CompTIA CASP
CompTIA IT Tech+
CompTIA Linux+
CompTIA Network+
CompTIA Project+
CompTIA Security+
CompTIA Server+
Construction Project Management
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer (Levels 1-3)
Flux Core Arc Welding (FCAW)
Fundamentals of Mechanical Systems
Fundamentals of PLCs
Fundamentals of Robotics
Fundamentals of Sensor Technology (Mechatronics)

Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Heavy Equipment Operations - Level 1
Heavy Equipment Operations - Level 2
ITIL V.3 Foundation
Manufacturing Technician 1 (MT1)
Medication Aide
Pharmacy Technician
Pharmacy Technician
Phlebotomy Technician
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Pneumatics Level 1
Power Industry Fundamental
Power Line Worker 1
SHRM Certified Professional (SHRM-CP)
Shielded Metal Arc Welding (SMAW)
Work Zone Flagger

<p>College</p> <p>WCG Programs</p> <p>college=Mountain Empire</p>
Program Description
AWS I2PA
Advanced Cardiac Life Support
Advanced Emergency Medical Technician (AEMT)
Carpentry - Level 1
Carpentry - Level 2
Carpentry - Level 3
Carpentry - Level 4
Certified Nurse Aide
Core-Introductory Core-Introductory Craft Skills
Drill Press Skills I
Electrical - Level 1
Electrical - Level 2
Emergency Medical Technician
Emergency Medical Technician - Intermediate
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Grinding Skills I
HVAC - Level 1
Heavy Equipment Operations 1
Heavy Equipment Operations 2
Job Planning, Benchwork & Layout
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup
Level I CNC Turning: Operations
Level I CNC Turning: Programming Setup
Masonry - Level 1
Measurement, Materials, and Safety
Paramedic
Pediatric Pediatric Advanced Life Support
Pharmacy Technician
Plumbing - Level 1
Power Line Worker 1
Welding - Level 1
Welding - Level 2

<p style="text-align: center;">College WCG Programs</p> <p style="text-align: center;">college=Mountain Gateway</p>
Program Description
AWS I2PA
Advanced Emergency Medical Technician (AEMT)
Carpentry - Level 1
Carpentry - Level 2
Carpentry - Level 3
Carpentry - Level 4
Certified Nurse Aide
Clinical Medical Assistant
Core-Introductory Craft Skills
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Emergency Medical Responder
Emergency Medical Technician
Emergency Medical Technician - Intermediate
Flux Core Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Industrial Maintenance Mechanic - Level 1
Industrial Maintenance Mechanic - Level 2
Industrial Maintenance Mechanic - Level 3
Industrial Maintenance Mechanic - Level 4
Licensed Massage Therapist
Manufacturing Technician 1 (MT1)
Millwright - Level 1
Millwright - Level 2
Millwright - Level 3
Millwright - Level 4
Millwright - Level 5
Pharmacy Technician
Phlebotomy Technician
Pipefitting - Level 1
Pipefitting - Level 2
Pipefitting - Level 3
Pipefitting - Level 4

Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Shielded Metal Arc Welding (SMAW)

**College
WCG Programs**

college=New River

Program Description

ASE Entry-Level Collision Repair and Refinishing

AWS I2PA

Advanced Emergency Medical Technician (AEMT)

Certificate for Apartment Maintenance Technician

Certified Nurse Aide

Certified Production Technician

Clinical Medical Assistant

Core-Introductory Craft Skills

EKG Technician

Emergency Medical Technician

Flux Cored Arc Welding (FCAW)

Gas Metal Arc Welding (GMAW)

Heavy Equipment Operations - Level 1

Heavy Equipment Operations - Level 2

Manufacturing Specialist (MS)

Manufacturing Technician 1 (MT1)

Medication Aide

Pharmacy Technician

Phlebotomy Technician

Plumbing

SHRM Certified Professional (SHRM-CP)

Shielded Metal Arc Welding (SMAW)

Six Sigma Green Belt

Six Sigma Yellow Belt

Solar Installation Technician

<p>College</p> <p>WCG Programs</p> <p>college=Northern Virginia</p>
Program Description
AWS Certified Solutions Architect (Associate)
AWS Cloud Practitioner
AWS I2PA
CISCO Certified Network Associate
Certified Billing and Coding Specialist (CBCS)
Certified Ethical Hacker
Certified Nurse Aide
Certified Welder
Certiport IT Specialist: Artificial Intelligence
Certiport IT Specialist: Python
Clinical Medical Assistant
CompTIA A+
CompTIA Cloud+
CompTIA Data+
CompTIA IT Tech+
CompTIA Linux+
CompTIA Network+
CompTIA Security+
Core-Introductory Craft Skills
EPA Section 608 Technician Certification
Fiber Optics Installer (Levels 1-3)
Heavy Equipment Operations - Level 1
Licensed Massage Therapist
Medication Aide
Pearson IT Specialist: Python
Pharmacy Technician
Phlebotomy Technician
Project Management Professional
Red Hat Certified System Administrator (RHCSA)
SHRM Certified Professional (SHRM-CP)
SHRM Senior Certified Professional (SCP)
Work Zone Flagger

Appendix 1. Approved G3 Programs by College WCG Programs

college=Patrick & Henry

Program Description

AC Electricity
AWS I2PA
Applied Fluid Power – Level 2
Applied Industry 4.0 – Level 2
Applied Mechanical Systems – Level 2
Applied PLCs Allen Bradley/Siemens – Level 2
Applied Product ID Fundamentals – Level 2
Applied Robotics – Level 2
CISCO Certified Entry Networking Technician (CCENT)
CISCO Certified Network Associate
Carpentry - Level 1
Carpentry - Level 2
Certified Billing and Coding Specialist (CBCS)
Certified Nurse Aide
Certified Production Technician
Certified Professional Coder
Clinical Medical Assistant
Core-Introductory Craft Skills
DC Electricity
FI4OCP Level 1
Fi4.0CP Industry 4.0 Fundamentals - Applied - Level 2
Fundamentals of Mechanical Systems
Fundamentals of PLCs
Fundamentals of Robotics
Fundamentals of Sensor Technology
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Greenlee Electrical Certifications Programs
HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Heavy Equipment Operator Level 1
Hydraulics Level 1
Level 1 CNC Milling: Operations
Level 1 CNC Turning: Operations
Level I CNC Milling: Operations
Level I CNC Turning: Operations
Machining Level 1: Job Planning, Benchwork, & Layout MNJ1
Machining Level 1: Measurement, Materials, & Safety

Machining Level 1: Turning 1 .
Manual Milling Skills I
Manual Milling Skills I
Mechatronics
Medication Aide
Pharmacy Technician
Phlebotomy Technician
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Pneumatics Level 1
Power Industry Fundamentals
Power Line Worker 1
Siemens Automation Fundamentals Certificate
Siemens Mechatronic Systems Certification Program Level 1
Work Zone Flagger

Appendix 1. Approved G3 Programs by College WCG Programs

college=Paul D. Camp

Program Description

AWS I2PA
Backflow Prevention Device Certification
Certified Logistics Associate
Certified Logistics Technician
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Network+
CompTIA Security+
Core-Introductory Craft Skills
Crane Operator
EKG Technician
Heavy Equipment Operations - Level 1
Heavy Equipment Operations - Level 2
Industrial Maintenance Electrical and Instrumentation - Level 1
Industrial Maintenance Electrical and Instrumentation - Level 2
Industrial Maintenance Electrical and Instrumentation - Level 3
Industrial Maintenance Electrical and Instrumentation - Level 4
Manufacturing Technician 1 (MT1)
Marine Trade Training: Outside Machinist Level 1
Marine Trade Training: Welding Level 1
Marine Trade Training: Welding Level 2
Marine Trade Training: Welding Level 3
Medication Aide
NCCER HVAC Level 1 with Core
Patient Care Technician
Phlebotomy Technician
Rigging & Signal
Work Zone Flagger

Appendix 1. Approved G3 Programs by College WCG Programs

college=Piedmont Virginia

Program Description

2-Stroke Engine Repair Certification
4-Stroke Engine Repair Certification
AWS I2PA
CNC Milling Fundamentals I
CNC Milling Fundamentals II
CNC Operations
CNC Programming
Certificate for Apartment Maintenance Technician
Certified Associate in Project Management (CAPM)
Certified EVSE Technician (Electric Vehicle (EV) Charger Tech)
Certified Electronic Health Records Specialist
Certified Electronic Health Records Specialist (CEHRS)
Certified Hospitality Manager
Certified Nurse Aide
Certified SolidWorks Associate (CSWA)
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Network+
CompTIA Security+
Compact Diesel Engine Certification
Computer Aided Design (CAD) Fundamentals
Construction Craft Laborer - Level 1
Construction Craft Laborer - Level 2
Core Construction Skills and Scaffolding
Core-Introductory Craft Skills
Driveline/Hydraulics Certification
EKG Technician
EPA Section 608 Technician Certification
ESCO System Diagnostics & Troubleshooting (Air Conditioning)
EVSE Field Technician Certification (Electric Vehicle (EV) Charger Tech)
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Electrical Systems Certification
Employment Ready Electrical (Electrical Fundamentals)
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer (Levels 1-3)

Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
HVAC Excellence Employment Ready Certification
Heavy Equipment Operations - Level 1
Heavy Equipment Operations - Level 2
Heavy Equipment Operations - Level 3
J-STD-001 Soldering
Job Planning, Benchwork and Layout
Journeyman HVAC Licensing Prep
Journeyman Plumber Licensing Prep
Mammography Certification
Master HVAC Licensing Prep
Master Plumber Licensing Prep
Measurement, Materials and Safety
Medical Administrative Assistant
Medical Administrative Assistant
Medication Aide
Patient Care Technician
Pharmacy Technician
Phlebotomy Technician
Photovoltaic - Entry Level
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Project Management (Construction)
Project Management Professional (PMP)
Shielded Metal Arc Welding (SMAW)
Solar Installation Technician Certification (SHINE)
Sterile Processing Technician
VA Journeyman Electrician
VA Master Electrician

Appendix 1. Approved G3 Programs by College WCG Programs

college=Rappahannock

Program Description

ASME IX Pressure Pipe Welding
AWS I2PA
Adobe Certified Associate: Illustrator
Adobe Certified Associate: InDesign
Adobe Certified Associate: Photoshop CC
Certified Clinical Medical Assistant
Certified Medical Administrative Assistant
Certified Nurse Aide
Certified Welder
Child Development Associate (CDA)
Data Cabling Installer
Emergency Medical Technician
Fiber Optic Installer
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer 1-2-3
Flux Core Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Industrial Technology Maintenance - Basic Hydraulic Systems
Industrial Technology Maintenance - Basic Pneumatic Systems
Industrial Technology Maintenance - Electronic Control Systems
Industrial Technology Maintenance - Process Control Systems
Intermediate Work Zone Traffic Control Training and Flagger
Level 1 CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Level I CNC Turning: Programming Setup & Operations
Manufacturing Technician 1 (MT1)
Medication Aide
Patient Care Technician
Pharmacy Technician
Phlebotomy Technician
Photovoltaic Associate (PVA)
Shielded Metal Arc Welding (SMAW)
Solar Installation Technician
Work Zone Flagger

Appendix 1. Approved G3 Programs by College WCG Programs

college=Southside Virginia

Program Description

ASE Entry Level Medium/Heavy Truck Diesel Engines
ASE Entry Level Medium/Heavy Truck Inspection Maintenance & Minor Repair
ASE Entry Level Medium/Heavy Truck Electrical/Electronic Systems
ASE Entry Level Medium/Heavy Truck Brakes
ASE Entry Level Medium/Heavy Truck Suspension & Steering
AWS I2PA
BICSI Installer 2 Copper
BICSI Installer 2 Optical Fiber Training
BICSI Installer I
BICSI Technician
Backflow Prevention Device Certification
CISCO Certified Entry Networking Technician (CCENT)
CISCO Certified Network Associate
Certified Clinical Medical Assistant (CCMA)
Certified Nurse Aide
CompTIA A+
CompTIA Network+
CompTIA Security+
CompTIA Server+
Core-Introductory Craft Skills
Drill Press Skills I
Electrical - Level 1
Electrical - Level 2
Electrical - Level 3
Electrical - Level 4
Emergency Medical Technician
FBA Optic (Optical Telecom Installer)
Fiber Optic Technician – Advanced Outside Plant (FOT-AOSP)
Fiber Optic Technician – OTDR
Fiber Optics Installer (Levels 1-3)
Gas Metal Arc Welding (GMAW)
Grinding Skills I
HVAC - Level 1
HVAC - Level 2
HVAC - Level 3
HVAC - Level 4
Heavy Equipment Operations - Level 1
Industrial Maintenance Mechanic - Level 1
Industrial Maintenance Mechanic - Level 2
Industrial Maintenance Mechanic - Level 3

Industrial Maintenance Mechanic - Level 4
Introduction to Solar Photovoltaics
Job Planning, Benchwork & Layout
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Level I CNC Turning: Operations
Level I CNC Turning: Programming Setup & Operations
Licensed Massage Therapist
Manual Milling Skills I
Measurement, Materials, and Safety
Medication Aide
Phlebotomy Technician
Power Industry Fundamentals
Power Line Worker 1
S/P2 Heavy Duty/Diesel Technology
Solar Photovoltaic System Installer
Welding - Level 1
Welding - Level 2
Welding - Level 3

Appendix 1. Approved G3 Programs by College WCG Programs

college=Southwest Virginia

Program Description

ASE Entry-Level Medium/Heavy Truck – Brakes
ASE Entry-Level Medium/Heavy Truck – Diesel Engines
ASE Entry-Level Medium/Heavy Truck – Electric/Electronic Systems
ASE Entry-Level Medium/Heavy Truck – Inspection Maintenance and Minor Repairs
ASE Entry-Level Medium/Heavy Truck – Suspension/Steering
AWS I2PA
Advanced Emergency Medical Technician
Carpentry - Level 1
Carpentry - Level 2
Certified Fiber Optic Technician (CFOT)
Certified Nurse Aide
CompTIA A+
CompTIA IT Tech+
CompTIA Network+
CompTIA Security+
Contractor's License
Core-Introductory Craft Skills
Emergency Medical Technician
Flux Core Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Heavy Equipment Operations - Level 1
Heavy Equipment Operations - Level 2
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Masonry - Level 1
Masonry - Level 2
Medication Aide
Paramedic
Pharmacy Technician
Phlebotomy Technician
Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
Registered Nurse (Return to Training, Non-credit)
Shielded Metal Arc Welding (SMAW)
Six Sigma Green Belt
Solar Installation Technician
Work Zone Flagger

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Appendix 1. Approved G3 Programs by College WCG Programs

college=Tidewater

Program Description

AWS I2PA
Advanced Emergency Medical Technician
Carpentry - Level 1
Carpentry - Level 2
Certified Billing and Coding Specialist (CBCS)
Certified Information Systems Security Professional (CISSP)
Certified Logistics Associate
Certified Logistics Technician
Certified Medical Administrative Assistant (CMAA)
Certified Nurse Aide
Certified Professional Coder
Certified Professional Medical Auditor
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Network+
CompTIA Security+
CompTIA Tech+
Core-Introductory Craft Skills
Crane Operator
EKG Technician
Electrical - Level 1
Electrical - Level 2
Flux Core Arc Welding (FCAW)
GWO Basic Safety Training
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
HVAC - Level 1
HVAC - Level 2
IEC Electrical Levels 1-4
Job Planning, Benchwork & Layout
Level I CNC Milling: Operations
Level I CNC Turning: Operations
Marine Trade Training: Coating Level 1
Marine Trade Training: Pipefitting Level 1
Marine Trade Training: Sheet Metal Level 1
Marine Trade Training: Welding Level 1
Marine Trade Training: Welding Level 2
Marine Trade Training: Welding Level 3
Maritime Pipefitting - Level 1

Maritime Pipefitting - Level 2
Maritime Structural Fitter - Level 1
Maritime Structural Fitter - Level 2
Maritime Structural Fitter Level 2
Maritime Structural Fitter Level 3
Measurement, Materials, and Safety
Millwright Level 1
Millwright Level 2
Millwright Level 3
Millwright Level 4
Optical Telecom Installer
Paramedic
Phlebotomy Technician
Photovoltaic Installation Professional
Pipelayer - Level 1
Plumbing - Level 1
Plumbing - Level 2
Power Industry Fundamentals
Public Service Telecommunicator
Rigger and Signal Person
ServSafe Manager
Shielded Metal Arc Welding (SMAW)
Systems Security Certified Practitioner (SSCP)
Work Zone Flagger

Appendix 1. Approved G3 Programs by College WCG Programs

college=Virginia Highlands

Program Description

AWS I2PA
Carpentry - Level 1
Certified Billing and Coding Specialist (CBCS)
Certified Clinical Medical Assistant
Certified Fiber Optic Technician
Certified Medical Administrative Assistant
Certified Nurse Aide
Certified Production Technician
Core - Introductory Craft Skills
EPA Section 608 Technician
Emergency Medical Technician
Heavy Equipment Operations Level 1
Job Planning, Benchwork, and Layout
Level 1 - CNC Milling Operations
Level 1 - CNC Turning Operations
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Measurement, Materials, and Safety
Phlebotomy Technician
Photovoltaic - Entry Level
Plumbing - Level 1
Siemens Mechatronic Systems Certification Program Level 1
Six Sigma Green Belt
Six Sigma Yellow Belt
Welding - Level 4

Appendix 1. Approved G3 Programs by College WCG Programs

college=Virginia Peninsula

Program Description

AWS I2PA
Advanced Certified Nurse Aide (CNA)
Carpentry - Level 1
Carpentry - Level 2
Certified Billing and Coding Specialist (CBCS)
Certified EKG Technician (CET)
Certified Ethical Hacker
Certified Information Systems Security Professional (CISSP)
Certified Logistics Associate
Certified Logistics Technician
Certified Medical Administrative Assistant (CMAA)
Certified Nurse Aide
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Network+
CompTIA Security+
Electrical - Level 1
Electrical - Level 2
Facilities Maintenance
Flux Core Arc Welding (FCAW)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
HVAC - Level 1
HVAC - Level 2
IEC Electrical Level 1
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Level I CNC Turning: Operations
Level I CNC Turning: Programming Setup & Operations
Manufacturing Specialist (MS)
Manufacturing Technician 1 (MT1)
Marine Trade Training: Electrical Level I
Marine Trade Training: Welding Level 1
Marine Trade Training: Welding Level 2
Marine Trade Training: Welding Level 3
Masonry - Level 1
NCCER Core
Pharmacy Technician
Phlebotomy Technician

Plumbing - Level 1
Plumbing - Level 2
Plumbing - Level 3
Plumbing - Level 4
SHRM Certified Professional (SHRM-CP)
Shielded Metal Arc Welding (SMAW)
Work Zone Flagger

Appendix 1. Approved G3 Programs by College WCG Programs

college=Virginia Western

Program Description

AC Electricity
AWS I2PA
Certified Associate in Project Management (CAPM)
Certified Billing and Coding Specialist (CBCS)
Certified Dental Assistant
Certified Medical Administrative Assistant (CMAA)
Certified Nurse Aide
Certified Phlebotomy Technician
Certified Production Technician
Certified Registered Central Service Technician
Certified Welder
Clinical Medical Assistant
CompTIA A+
CompTIA Linux+
CompTIA Network+
CompTIA Security+
Core-Introductory Craft Skills
EKG Technician
Flux Core Arc Welding (FCAW)
Fundamentals of Mechanical Systems
Gas Metal Arc Welding (GMAW)
Heavy Equipment Operations - Level 1
Introduction to PLC Programming
Introduction to Robotics
Job Planning, Benchwork & Layout
Level I CNC Milling: Operations
Level I CNC Milling: Programming Setup & Operations
Level I CNC Turning: Operations
Manufacturing Technician 1 (MT1)
Measurement, Materials, and Safety
Mechanical Torque
Medication Aide
PMI - Slide Caliper Measurement
Pharmacy Technician
Pneumatics Level 1
SHRM Certified Professional (SHRM-CP)
Siemens Mechatronic Systems Certification Program Level 1
Welding - Level 1

Appendix 1. Approved G3 Programs by College WCG Programs

college=Wytheville

Program Description

ASE Student Certification: Brakes
ASE Student Certification: Electrical/Electronic Systems
AWS I2PA
Advanced Measuring Instruments
Applied Industry 4.0 Level 2 (Industrial Maintenance Level 2)
Certified Nurse Aide
Certified Welder
Compact Diesel Engine Repair
Flux Core Arc Welding (FCAW)
Fundamentals of Industry 4.0 (Industrial Maintenance Level 1)
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Heavy Equipment Operator Level 1
Heavy Equipment Operator Level 2
Industrial Maintenance Mechanic - Level 3
NCCER Core
Off Road Diesel Level 1 (Kubota Tech Maintenance Procedures)
Off Road Diesel Level 2 (Kubota Tech Powertrain)
Power Industry Fundamentals
Power Line Worker 1
Power Line Worker Distribution - Level 2
Precision Measurement Instruments
Shielded Metal Arc Welding (SMAW)
Six Sigma Green Belt
Six Sigma Yellow Belt
Work Zone Flagger

Appendix 2. AY 2024-25 G3 student enrollments by college

	Total	Credit Students	Noncredit Students	Enrolled both Credit and Noncredit
	Sum	Sum	Sum	Sum
VCCS	20,512	13,171	7,234	107
Blue Ridge	737	488	235	14
Brightpoint*	1,895	860	1,027	8
Central Virginia	800	295	494	11
Danville	371	294	77	.
Eastern Shore	424	104	315	5
Germanna	853	493	355	5
J. Sargeant Reynolds*	946	946	.	.
Laurel Ridge	762	223	537	2
Mountain Empire	547	433	113	1
Mountain Gateway	225	84	136	5
New River	492	417	73	2
Northern Virginia	4,641	3,912	705	24
Patrick & Henry	625	253	368	4
Paul D. Camp	181	50	131	.
Piedmont Virginia	590	177	412	1
Rappahannock	279	133	143	3
Southside Virginia	272	158	113	1
Southwest Virginia	722	499	216	7
Tidewater	2,515	1,722	785	8
Virginia Highlands	365	263	100	2
Virginia Peninsula	1,111	399	710	2
Virginia Western	832	768	63	1
Wytheville	327	200	126	1

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

**Appendix 3. AY 2024-25 G3 enrollments in all programs of study
VCCS**

					Enrollments
					Sum
Total					26,463
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	86
			51.0602	Dental Hygiene/Hygienist	62
			51.0707	Health Information/Medical Records Technology/Technician	53
			51.0803	Occupational Therapist Assistant	28
			51.0806	Physical Therapy Assistant	106
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	218
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist	9
			51.0908	Respiratory Care Therapy/Therapist	95
			51.0909	Surgical Technology/Technologist	37
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	47
			51.0911	Radiologic Technology/Science - Radiographer	143
			51.1004	Clinical/Medical Laboratory Technician	70
			51.1599	Mental and Social Health Services and Allied Professions, Other	455
			51.1801	Opticianry/Ophthalmic Dispensing Optician	14
			51.3801	Registered Nursing/Registered Nurse	980
		AS	30.0101	Biological and Physical Sciences	79
		CERT	51.0601	Dental Assisting/Assistant	44
			51.0799	Health and Medical Administrative Services, Other	32
			51.0801	Medical/Clinical Assistant	19
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	476
			51.1501	Substance Abuse/Addiction Counseling	13
			51.1599	Mental and Social Health Services and Allied Professions, Other	12
			51.3501	Massage Therapy/Therapeutic Massage	1
			51.3901	Licensed Practical/Vocational Nurse Training	240
		CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	17
			51.0601	Dental Assisting/Assistant	1
			51.0602	Dental Hygiene/Hygienist	18
			51.0707	Health Information/Medical Records Technology/Technician	105
			51.0799	Health and Medical Administrative Services, Other	15
			51.0801	Medical/Clinical Assistant	9
			51.0803	Occupational Therapist Assistant	2
			51.0806	Physical Therapy Assistant	14

			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	37
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist	8
			51.0909	Surgical Technology/Technologist	9
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	23
			51.0911	Radiologic Technology/Science - Radiographer	54
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	545
			51.1004	Clinical/Medical Laboratory Technician	53
			51.1599	Mental and Social Health Services and Allied Professions, Other	43
			51.1801	Opticianry/Ophthalmic Dispensing Optician	2
			51.2006	Clinical and Industrial Drug Development	1
			51.3501	Massage Therapy/Therapeutic Massage	4
			51.3801	Registered Nursing/Registered Nurse	150
			51.3901	Licensed Practical/Vocational Nurse Training	35
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	922
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	34
			11.0901	Computer Systems Networking and Telecommunications	10
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	1,392
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	33
		AS	11.0103	Information Technology	744
			11.0701	Computer Science	970
			30.0101	Biological and Physical Sciences	29
		CERT	11.0101	Computer and Information Sciences, General	4
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	1
		CSC	11.0101	Computer and Information Sciences, General	78
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	9
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	152
	Education	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	4
		AAS	19.0709	Child Care Provider/Assistant	525
		AS	13.0101	Education, General	383
			13.1205	Secondary Education and Teaching	11
		CERT	19.0709	Child Care Provider/Assistant	37
		CSC	13.0101	Education, General	4
			19.0709	Child Care Provider/Assistant	61
	Skilled Trades, Manufacturing & Construction	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	1
		AAS	15.0000	Engineering Technologies/Technicians, General	94

			15.0101	Architectural Engineering Technologies/Technicians	21
			15.0201	Civil Engineering Technologies/Technicians	7
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	50
			15.0599	Environmental Control Technologies/Technicians, Other	35
			15.0612	Industrial Technology/Technician	174
			15.0613	Manufacturing Engineering Technology/Technician	77
			15.0699	Industrial Production Technologies/Technicians, Other	6
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	32
			15.0901	Mining Technology/Technician	8
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	58
			15.1401	Nuclear Engineering Technology/Technician	2
			41.0101	Biology/Biotechnology Technology/Technician	6
			46.0000	Construction Trades, General	46
			46.0302	Electrician	67
			47.0000	Mechanics and Repairers, General	10
			47.0105	Industrial Electronics Technology/Technician	80
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	83
			47.0604	Automobile/Automotive Mechanics Technology/Technician	180
			47.0605	Diesel Mechanics Technology/Technician	9
			47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	17
			48.0599	Precision Metal Working, Other	27
			52.0499	Business Operations Support and Secretarial Services, Other	95
		AS	14.0101	Engineering, General	780
		CERT	30.0101	Biological and Physical Sciences	768
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8
			15.0699	Industrial Production Technologies/Technicians, Other	5
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3
			46.0000	Construction Trades, General	3
			46.0302	Electrician	27
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	23
			47.0604	Automobile/Automotive Mechanics Technology/Technician	3
			47.0605	Diesel Mechanics Technology/Technician	2
			48.0508	Welding Technology/Welder	108
			48.0599	Precision Metal Working, Other	3
			52.0499	Business Operations Support and Secretarial Services, Other	3

		CSC	14.0101	Engineering, General	1		
			15.0000	Engineering Technologies/Technicians, General	3		
			15.0201	Civil Engineering Technologies/Technicians	6		
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	37		
			15.0613	Manufacturing Engineering Technology/Technician	2		
			15.0699	Industrial Production Technologies/Technicians, Other	15		
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	7		
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	9		
			41.0101	Biology/Biotechnology Technology/Technician	1		
			46.0000	Construction Trades, General	16		
			46.0302	Electrician	25		
			47.0105	Industrial Electronics Technology/Technician	1		
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	60		
			47.0603	Autobody/Collision and Repair Technology/Technician	1		
			47.0604	Automobile/Automotive Mechanics Technology/Technician	30		
			47.0605	Diesel Mechanics Technology/Technician	18		
			48.0508	Welding Technology/Welder	60		
			48.0599	Precision Metal Working, Other	2		
			52.0499	Business Operations Support and Secretarial Services, Other	3		
			DIPL	46.0000	Construction Trades, General	26	
				47.0105	Industrial Electronics Technology/Technician	37	
				47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	26	
				47.0604	Automobile/Automotive Mechanics Technology/Technician	27	
				48.0508	Welding Technology/Welder	27	
			Public Safety	AAS	43.0102	Corrections	5
		43.0103			Criminal Justice/Law Enforcement Administration	442	
		43.0203			Fire Science/Fire-fighting	16	
		43.0406			Forensic Science and Technology	4	
		AS		30.0101	Biological and Physical Sciences	3	
				43.0104	Criminal Justice/Safety Studies	223	
		CERT		43.0103	Criminal Justice/Law Enforcement Administration	8	
				CSC	22.0302	Legal Assistant/Paralegal	1
		43.0103			Criminal Justice/Law Enforcement Administration	13	
		43.0203			Fire Science/Fire-fighting	1	
		43.0406			Forensic Science and Technology	4	
		Hospitality & Culinary Arts		AAS	12.0500	Cooking and Related Culinary Arts, General	104

			52.0901	Hospitality Administration/Management, General	11
		CSC	12.0500	Cooking and Related Culinary Arts, General	2
			52.0901	Hospitality Administration/Management, General	2
		Subtotal			14,122
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	CRCS	51.1012	Sterile Processing Technology/Technician	11
		HAMS	51.0708	Medical Transcription/Transcriptionist	1
		HBAC	51.0713	Medical Insurance Coding Specialist/Coder	1
		HBCH	51.0713	Medical Insurance Coding Specialist/Coder	385
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	577
		HCPB	51.0713	Medical Insurance Coding Specialist/Coder	85
		HEKT	51.0902	Electrocardiograph Technology/Technician	294
		HEM0	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	37
		HEM2	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	19
		HEMP	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	10
		HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	72
		HMAA	51.0710	Medical Office Assistant/Specialist	171
		HMAI	51.2603	Medication Aide	63
		HMCA	51.0801	Medical/Clinical Assistant	1,380
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	189
		HMG	51.3501	Massage Therapy/Therapeutic Massage	19
		HNCT	51.0801	Medical/Clinical Assistant	2
		HPCT	51.0801	Medical/Clinical Assistant	63
		HPHT	51.0805	Pharmacy Technician/Assistant	4
		HPHV	51.0805	Pharmacy Technician/Assistant	84
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	786
		HPLT	51.1009	Phlebotomy Technician/Phlebotomist	7
		HPMA	51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	13
		HPT4	51.1009	Phlebotomy Technician/Phlebotomist	80
		HPTE	51.1009	Phlebotomy Technician/Phlebotomist	44
		HSPT	51.1012	Sterile Processing Technology/Technician	1
		LETC	51.9999	Health Professions and Related Clinical Sciences, Other	10
		MPMT	51.2010	Pharmaceutical Sciences	10
	Information Technology	BHCA	11.1001	Network and System Administration/Administrator	16
		BTIF	11.0101	Computer and Information Sciences, General	285
		CFOP	11.0901	Computer Systems Networking and Telecommunications	1
		CISM	11.0501	Computer Systems Analysis/Analyst	20
		IACP	11.0902	Cloud Computing	90
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	36

		ICCA	11.0101	Computer and Information Sciences, General	13
		ICCC	11.0902	Cloud Computing	19
		ICCE	11.0902	Cloud Computing	84
		ICDC	11.0101	Computer and Information Sciences, General	41
		ICEH	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	24
		ICIP	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	55
		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	18
		ICSP	11.0101	Computer and Information Sciences, General	3
		ICTP	11.1005	Information Technology Project Management	14
		ISAI	11.0102	Artificial Intelligence	13
		ISPC	11.0202	Computer Programming, Specific Applications	26
		ITAC	11.0101	Computer and Information Sciences, General	339
		ITNK	11.0901	Computer Systems Networking and Telecommunications	155
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	141
		IV3F	11.0101	Computer and Information Sciences, General	7
		PCAP	11.0202	Computer Programming, Specific Applications	16
	Education	ETTP	13.1205	Secondary Education and Teaching	4
	Skilled Trades, Manufacturing & Construction	ABP1	46.0503	Plumbing Technology/Plumber	1
		ACL1	46.0000	Construction Trades, General	1
		ACMT	46.0401	Building/Property Maintenance	10
		AESC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	15
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	203
		AHE2	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		AHE3	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	64
		ASBI	46.0403	Building/Home/Construction Inspection/Inspector	2
		AWZT	49.0207	Flagging and Traffic Control	1
		BACP	52.1001	Human Resources Management/Personnel Administration, General	93
		BPM	52.0211	Project Management	16
		BPMA	52.0211	Project Management	21
		CCL1	46.0201	Carpentry/Carpenter	78
		CCL2	46.0201	Carpentry/Carpenter	7

		CCRL	15.1001	Construction Engineering Technology/Technician	5
		CCSC	46.0000	Construction Trades, General	1,096
		CEL1	46.0302	Electrician	478
		CEL2	46.0302	Electrician	196
		CEL3	46.0302	Electrician	118
		CEL4	46.0302	Electrician	61
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	65
		CFOT	46.0301	Electrical and Power Transmission Installation/Installer, General	17
		CIM3	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4
		CMA1	46.0101	Mason/Masonry	17
		CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	8
		CNSC	46.0000	Construction Trades, General	4
		CPL1	46.0503	Plumbing Technology/Plumber	124
		CPL2	46.0503	Plumbing Technology/Plumber	34
		CPL3	46.0503	Plumbing Technology/Plumber	24
		CPL4	46.0503	Plumbing Technology/Plumber	9
		CPMT	46.0412	Building/Construction Site Management/Manager	9
		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	24
		CRSP	49.0206	Mobil Crane Operator/Operation	5
		CSM1	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	13
		CTCO	49.0206	Mobil Crane Operator/Operation	8
		CTOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		CWL1	48.0508	Welding Technology/Welder	62
		CWL2	48.0508	Welding Technology/Welder	7
		FCAW	48.0508	Welding Technology/Welder	298
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	419
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	170
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	111
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	75
		MACE	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	24
		MAFP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	3
		MAIF	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MAMC	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	2
		MAMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MAPP	48.0508	Welding Technology/Welder	10
		MCL3	46.0201	Carpentry/Carpenter	1
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	53

		MELT	46.0301	Electrical and Power Transmission Installation/Installer, General	4
		MFIF	15.0699	Industrial Production Technologies/Technicians, Other	22
		MFMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	13
		MFPL	47.0303	Industrial Mechanics and Maintenance Technology/Technician	9
		MFST	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		MGMW	48.0508	Welding Technology/Welder	328
		MGTW	48.0508	Welding Technology/Welder	188
		MIM1	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	12
		MIM2	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	13
		MIM3	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	5
		MIM4	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	3
		MLPC	52.0203	Logistics, Materials, and Supply Chain Management	34
		MMOM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	21
		MMSM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	16
		MMST	48.0000	Precision Production Trades, General	58
		MMTC	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTE	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTP	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	22
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	121
		MNC1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MNJ1	48.0599	Precision Metal Working, Other	3
		MNL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MNM1	48.0599	Precision Metal Working, Other	4
		MNTB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		MNUT	48.0000	Precision Production Trades, General	54
		MPIF	15.1701	Energy Systems Technology/Technician	62
		MPL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4
		MPNE	47.0303	Industrial Mechanics and Maintenance Technology/Technician	11
		MROB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MSMW	48.0508	Welding Technology/Welder	528
		MTW2	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	3
		MTW3	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8

		MWW	48.0508	Welding Technology/Welder	121
		MYL2	46.0101	Mason/Masonry	4
		ODMP	47.0605	Diesel Mechanics Technology/Technician	3
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	89
		PLWD	46.0301	Electrical and Power Transmission Installation/Installer, General	7
		PMIM	48.0000	Precision Production Trades, General	10
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	77
		TAEF	47.0604	Automobile/Automotive Mechanics Technology/Technician	15
		TAF1	46.9999	Construction Trades, Other	1
		TATB	47.0604	Automobile/Automotive Mechanics Technology/Technician	13
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	51
		TFMT	46.0401	Building/Property Maintenance	12
		TFSE	47.0606	Small Engine Mechanics and Repair Technology/Technician	7
		THTB	47.0604	Automobile/Automotive Mechanics Technology/Technician	34
		THTE	47.0604	Automobile/Automotive Mechanics Technology/Technician	33
		THTM	47.0604	Automobile/Automotive Mechanics Technology/Technician	32
		TPRC	46.0403	Building/Home/Construction Inspection/Inspector	1
		TRCD	46.0403	Building/Home/Construction Inspection/Inspector	1
		TSIN	46.0403	Building/Home/Construction Inspection/Inspector	1
		TSP2	47.0605	Diesel Mechanics Technology/Technician	17
		TTDE	47.0604	Automobile/Automotive Mechanics Technology/Technician	33
		TTEC	47.0606	Small Engine Mechanics and Repair Technology/Technician	4
		TTSS	47.0604	Automobile/Automotive Mechanics Technology/Technician	33
		TWZF	49.0207	Flagging and Traffic Control	65
	Public Safety	CISA	43.0403	Cyber/Computer Forensics and Counterterrorism	30
		IGRC	43.0303	Critical Infrastructure Protection	38
		ISCC	43.0403	Cyber/Computer Forensics and Counterterrorism	115
	Hospitality & Culinary Arts	BCHM	52.0901	Hospitality Administration/Management, General	3
	Subtotal				12,341

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Blue Ridge

					Enrollments
					Sum
Total					866
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	53
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	15
			51.1599	Mental and Social Health Services and Allied Professions, Other	25
			51.3801	Registered Nursing/Registered Nurse	90
		CERT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5
		CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	15
			51.0707	Health Information/Medical Records Technology/Technician	7
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
			51.1599	Mental and Social Health Services and Allied Professions, Other	1
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	58
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
		AS	11.0701	Computer Science	27
			30.0101	Biological and Physical Sciences	11
	Education	AAS	19.0709	Child Care Provider/Assistant	21
		AS	13.0101	Education, General	20
		CSC	19.0709	Child Care Provider/Assistant	6
	Skilled Trades, Manufacturing & Construction	AAS	15.0613	Manufacturing Engineering Technology/Technician	20
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	6
			47.0604	Automobile/Automotive Mechanics Technology/Technician	11
			47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	17
		AS	14.0101	Engineering, General	28
			30.0101	Biological and Physical Sciences	64
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	14
	Subtotal				523
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	CRCS	51.1012	Sterile Processing Technology/Technician	11
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	14

		HEKT	51.0902	Electrocardiograph Technology/Technician	17
		HMAA	51.0710	Medical Office Assistant/Specialist	16
		HMAI	51.2603	Medication Aide	2
		HMCA	51.0801	Medical/Clinical Assistant	88
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	4
		HNCT	51.0801	Medical/Clinical Assistant	2
		HPCT	51.0801	Medical/Clinical Assistant	2
		HPHT	51.0805	Pharmacy Technician/Assistant	1
		HPHV	51.0805	Pharmacy Technician/Assistant	12
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	35
		HPLT	51.1009	Phlebotomy Technician/Phlebotomist	1
	Information Technology	IACP	11.0902	Cloud Computing	9
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	3
		ITAC	11.0101	Computer and Information Sciences, General	3
		ITNK	11.0901	Computer Systems Networking and Telecommunications	8
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	5
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	11
		FCAW	48.0508	Welding Technology/Welder	48
		MGMW	48.0508	Welding Technology/Welder	18
		MGTW	48.0508	Welding Technology/Welder	12
		MSMW	48.0508	Welding Technology/Welder	18
		MWW	48.0508	Welding Technology/Welder	3
	Subtotal				343

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Brightpoint

					Enrollments
					Sum
Total					2,470
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	16
			51.0911	Radiologic Technology/Science - Radiographer	47
			51.1599	Mental and Social Health Services and Allied Professions, Other	77
			51.3801	Registered Nursing/Registered Nurse	231
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	28
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.1599	Mental and Social Health Services and Allied Professions, Other	6
			51.2006	Clinical and Industrial Drug Development	1
			51.3501	Massage Therapy/Therapeutic Massage	4
			51.3901	Licensed Practical/Vocational Nurse Training	3
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	89
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	24
		AS	11.0701	Computer Science	47
		CSC	11.0101	Computer and Information Sciences, General	4
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	24
	Education	AAS	19.0709	Child Care Provider/Assistant	24
		AS	13.0101	Education, General	23
			13.1205	Secondary Education and Teaching	11
		CERT	19.0709	Child Care Provider/Assistant	3
		CSC	19.0709	Child Care Provider/Assistant	1
	Skilled Trades, Manufacturing & Construction	AAS	15.0101	Architectural Engineering Technologies/Technicians	21
			15.0612	Industrial Technology/Technician	4
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	7
			46.0302	Electrician	25
		AS	14.0101	Engineering, General	26
			30.0101	Biological and Physical Sciences	93
		CERT	46.0000	Construction Trades, General	3
			48.0508	Welding Technology/Welder	4
			48.0599	Precision Metal Working, Other	3
		CSC	15.0201	Civil Engineering Technologies/Technicians	3
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
			15.0699	Industrial Production Technologies/Technicians, Other	1

			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2
			48.0508	Welding Technology/Welder	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	45
	Subtotal				909
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBAC	51.0713	Medical Insurance Coding Specialist/Coder	1
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	141
		HCPB	51.0713	Medical Insurance Coding Specialist/Coder	85
		HEKT	51.0902	Electrocardiograph Technology/Technician	84
		HMAI	51.2603	Medication Aide	13
		HMCA	51.0801	Medical/Clinical Assistant	236
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	128
		HPHV	51.0805	Pharmacy Technician/Assistant	54
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	105
		LETC	51.9999	Health Professions and Related Clinical Sciences, Other	10
		MPMT	51.2010	Pharmaceutical Sciences	10
	Information Technology	BTIF	11.0101	Computer and Information Sciences, General	99
		IACP	11.0902	Cloud Computing	20
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	3
		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	1
		ITAC	11.0101	Computer and Information Sciences, General	55
		ITNK	11.0901	Computer Systems Networking and Telecommunications	17
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	27
		PCAP	11.0202	Computer Programming, Specific Applications	16
		ETTP	13.1205	Secondary Education and Teaching	4
		ACMT	46.0401	Building/Property Maintenance	9
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	7
		ASBI	46.0403	Building/Home/Construction Inspection/Inspector	2
		AWZT	49.0207	Flagging and Traffic Control	1
		BPM	52.0211	Project Management	16
		BPMA	52.0211	Project Management	21
		CCSC	46.0000	Construction Trades, General	78
		CEL1	46.0302	Electrician	26
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	2
		CPL1	46.0503	Plumbing Technology/Plumber	7

		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	41
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	46
		MLPC	52.0203	Logistics, Materials, and Supply Chain Management	34
		MMST	48.0000	Precision Production Trades, General	58
		MNUT	48.0000	Precision Production Trades, General	54
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	47
		TPRC	46.0403	Building/Home/Construction Inspection/Inspector	1
		TRCD	46.0403	Building/Home/Construction Inspection/Inspector	1
		TSIN	46.0403	Building/Home/Construction Inspection/Inspector	1
		Subtotal			1,561

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Central Virginia

					Enrollments
					Sum
Total					1,394
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	26
			51.0908	Respiratory Care Therapy/Therapist	13
			51.0911	Radiologic Technology/Science - Radiographer	9
			51.1004	Clinical/Medical Laboratory Technician	6
		CSC	51.0707	Health Information/Medical Records Technology/Technician	9
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	13
		AAS	11.0101	Computer and Information Sciences, General	38
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	11
		AS	11.0701	Computer Science	3
	Information Technology	CSC	11.0101	Computer and Information Sciences, General	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
		AAS	19.0709	Child Care Provider/Assistant	23
			CERT	Child Care Provider/Assistant	3
			CSC	Child Care Provider/Assistant	1
		AAS	15.0000	Engineering Technologies/Technicians, General	4
			15.0613	Manufacturing Engineering Technology/Technician	20
			15.1401	Nuclear Engineering Technology/Technician	2
			AS	Engineering, General	15
			CERT	Industrial Production Technologies/Technicians, Other	1
			46.0302	Electrician	5
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1
			48.0508	Welding Technology/Welder	38
		CSC	15.0613	Manufacturing Engineering Technology/Technician	1
			46.0302	Electrician	2
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1
			48.0508	Welding Technology/Welder	1
	Education	DIPL	48.0599	Precision Metal Working, Other	34
		AAS	43.0103	Criminal Justice/Law Enforcement Administration	22
			CSC	Criminal Justice/Law Enforcement Administration	1
		AAS	43.0103	Criminal Justice/Law Enforcement Administration	1
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	4
			15.0613	Manufacturing Engineering Technology/Technician	20
		AS	14.0101	Engineering, General	15
			15.0699	Industrial Production Technologies/Technicians, Other	1
		CSC	46.0302	Electrician	5
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1
		CSC	48.0508	Welding Technology/Welder	38
			15.0613	Manufacturing Engineering Technology/Technician	1
		CSC	46.0302	Electrician	2
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	22
			CSC	Criminal Justice/Law Enforcement Administration	1
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	1

	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	15
	Subtotal				324
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	51
		HEM0	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	24
		HEMP	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	10
		HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	31
		HMCA	51.0801	Medical/Clinical Assistant	86
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	35
		HPLT	51.1009	Phlebotomy Technician/Phlebotomist	5
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	8
	Skilled Trades, Manufacturing & Construction	ABP1	46.0503	Plumbing Technology/Plumber	1
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	9
		BACP	52.1001	Human Resources Management/Personnel Administration, General	13
		CCL1	46.0201	Carpentry/Carpenter	2
		CCSC	46.0000	Construction Trades, General	225
		CEL1	46.0302	Electrician	127
		CEL2	46.0302	Electrician	76
		CEL3	46.0302	Electrician	58
		CEL4	46.0302	Electrician	31
		CPL1	46.0503	Plumbing Technology/Plumber	30
		CPL2	46.0503	Plumbing Technology/Plumber	17
		CPL3	46.0503	Plumbing Technology/Plumber	11
		CPL4	46.0503	Plumbing Technology/Plumber	4
		CWL1	48.0508	Welding Technology/Welder	2
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	87
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	49
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	45
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	32
		MCL3	46.0201	Carpentry/Carpenter	1
	Subtotal				1,070

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Danville

					Enrollments
					Sum
Total					399
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	3
		CSC	51.0601	Dental Assisting/Assistant	1
			51.0707	Health Information/Medical Records Technology/Technician	4
			51.0799	Health and Medical Administrative Services, Other	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2
			51.1004	Clinical/Medical Laboratory Technician	12
			51.3901	Licensed Practical/Vocational Nurse Training	3
					37
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	1
		CERT	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	1
		CSC	11.0801	Web Page, Digital/Multimedia and Information Resources Design	1
	Education	AAS	19.0709	Child Care Provider/Assistant	60
		CSC	19.0709	Child Care Provider/Assistant	1
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	12
			52.0499	Business Operations Support and Secretarial Services, Other	27
		CERT	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8
			48.0508	Welding Technology/Welder	1
		CSC	52.0499	Business Operations Support and Secretarial Services, Other	1
			47.0105	Industrial Electronics Technology/Technician	37
		DIPL	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	26
			47.0604	Automobile/Automotive Mechanics Technology/Technician	19
			48.0508	Welding Technology/Welder	19
			48.0599	Precision Metal Working, Other	16
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	17
	Subtotal				309
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	14
		HEM0	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	13
		HEM2	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	19
		HMAI	51.2603	Medication Aide	5
		HMCA	51.0801	Medical/Clinical Assistant	17

	Skilled Trades, Manufacturing & Construction	CCSC	46.0000	Construction Trades, General	1
		CEL1	46.0302	Electrician	1
		MIM1	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	12
		MIM2	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	8
	Subtotal				90

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Eastern Shore

					Enrollments
					Sum
Total					577
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	CERT	51.0801	Medical/Clinical Assistant	19
			51.3901	Licensed Practical/Vocational Nurse Training	23
		CSC	51.0799	Health and Medical Administrative Services, Other	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	8
	Information Technology	CSC	11.0101	Computer and Information Sciences, General	1
	Education	AAS	19.0709	Child Care Provider/Assistant	21
		CSC	19.0709	Child Care Provider/Assistant	2
	Skilled Trades, Manufacturing & Construction	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7
			15.0612	Industrial Technology/Technician	6
		CERT	15.0699	Industrial Production Technologies/Technicians, Other	3
			48.0508	Welding Technology/Welder	6
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	8
			48.0508	Welding Technology/Welder	3
			Subtotal				113
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description
Health Care		HAMS	51.0708	Medical Transcription/Transcriptionist	1
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	21
		HEKT	51.0902	Electrocardiograph Technology/Technician	20
		HPT4	51.1009	Phlebotomy Technician/Phlebotomist	26
Information Technology		BTIF	11.0101	Computer and Information Sciences, General	14
		CISM	11.0501	Computer Systems Analysis/Analyst	20
		ICCE	11.0902	Cloud Computing	75
		ICIP	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	55
		ITAC	11.0101	Computer and Information Sciences, General	10
		ITNK	11.0901	Computer Systems Networking and Telecommunications	6
Skilled Trades, Manufacturing & Construction		CCSC	46.0000	Construction Trades, General	17
		CEL1	46.0302	Electrician	4
		CWL1	48.0508	Welding Technology/Welder	9
Public Safety		CISA	43.0403	Cyber/Computer Forensics and Counterterrorism	30
		IGRC	43.0303	Critical Infrastructure Protection	38

		ISCC	43.0403	Cyber/Computer Forensics and Counterterrorism	115
	Hospitality & Culinary Arts	BCHM	52.0901	Hospitality Administration/Management, General	3
	Subtotal				464

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Germannanna

					Enrollments
					Sum
Total					1,269
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0806	Physical Therapy Assistant	11
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	6
			51.3801	Registered Nursing/Registered Nurse	99
		CERT	51.0601	Dental Assisting/Assistant	4
			51.3901	Licensed Practical/Vocational Nurse Training	9
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	120
			51.1599	Mental and Social Health Services and Allied Professions, Other	3
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	44
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	146
		CSC	11.0101	Computer and Information Sciences, General	4
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7
	Education	AAS	19.0709	Child Care Provider/Assistant	26
		CERT	19.0709	Child Care Provider/Assistant	1
		CSC	19.0709	Child Care Provider/Assistant	2
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	2
		CSC	47.0604	Automobile/Automotive Mechanics Technology/Technician	13
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	17
		CERT	43.0103	Criminal Justice/Law Enforcement Administration	2
	Subtotal				518
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	52
		HEKT	51.0902	Electrocardiograph Technology/Technician	5
		HMCA	51.0801	Medical/Clinical Assistant	20
		HPT4	51.1009	Phlebotomy Technician/Phlebotomist	54
	Information Technology	BTIF	11.0101	Computer and Information Sciences, General	24
		ITAC	11.0101	Computer and Information Sciences, General	21

Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	8
	CCL1	46.0201	Carpentry/Carpenter	6
	CCSC	46.0000	Construction Trades, General	192
	CEL1	46.0302	Electrician	81
	CEL2	46.0302	Electrician	48
	CEL3	46.0302	Electrician	25
	CEL4	46.0302	Electrician	12
	CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	10
	CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	3
	CPL1	46.0503	Plumbing Technology/Plumber	16
	CPL2	46.0503	Plumbing Technology/Plumber	9
	CPL3	46.0503	Plumbing Technology/Plumber	6
	CPL4	46.0503	Plumbing Technology/Plumber	1
	CTOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
	CWL1	48.0508	Welding Technology/Welder	27
	CWL2	48.0508	Welding Technology/Welder	7
	HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	70
	HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	24
	HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	13
	HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5
	MNC1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
	MNJ1	48.0599	Precision Metal Working, Other	1
	MNL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
	MNM1	48.0599	Precision Metal Working, Other	2
	MNTB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
	MPL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	3
	TAF1	46.9999	Construction Trades, Other	1
	Subtotal			751

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=J. Sargeant Reynolds

					Enrollments
					Sum
Total					1,014
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	
					32
			51.0908	Respiratory Care Therapy/Therapist	32
			51.0909	Surgical Technology/Technologist	14
			51.1004	Clinical/Medical Laboratory Technician	36
			51.1599	Mental and Social Health Services and Allied Professions, Other	69
			51.1801	Opticianry/Ophthalmic Dispensing Optician	14
			51.3801	Registered Nursing/Registered Nurse	62
		AS	30.0101	Biological and Physical Sciences	1
		CERT	51.0601	Dental Assisting/Assistant	31
		CSC	51.0707	Health Information/Medical Records Technology/Technician	11
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	4
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	183
			51.1599	Mental and Social Health Services and Allied Professions, Other	21
			51.1801	Opticianry/Ophthalmic Dispensing Optician	2
					108
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	54
		AS	11.0701	Computer Science	9
		CSC	11.0101	Computer and Information Sciences, General	14
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	60
	Education	AAS	19.0709	Child Care Provider/Assistant	47
		AS	13.0101	Education, General	7
		CERT	19.0709	Child Care Provider/Assistant	1
		CSC	19.0709	Child Care Provider/Assistant	
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	15
			47.0604	Automobile/Automotive Mechanics Technology/Technician	37
		AS	14.0101	Engineering, General	9
			30.0101	Biological and Physical Sciences	84
		CERT	47.0604	Automobile/Automotive Mechanics Technology/Technician	1
			47.0605	Diesel Mechanics Technology/Technician	2
		CSC	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3
			47.0604	Automobile/Automotive Mechanics Technology/Technician	2

			48.0508	Welding Technology/Welder	5
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	28
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	1
			43.0203	Fire Science/Fire-fighting	1
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	14
	Subtotal				1,014

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Laurel Ridge

					Enrollments	
					Sum	
Total					1,230	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.0707	Health Information/Medical Records Technology/Technician	24	
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	
			51.0909	Surgical Technology/Technologist	3	
			51.1004	Clinical/Medical Laboratory Technician	2	
			51.3801	Registered Nursing/Registered Nurse	32	
		AS	30.0101	Biological and Physical Sciences	26	
		CERT	51.0799	Health and Medical Administrative Services, Other	7	
			51.3901	Licensed Practical/Vocational Nurse Training	6	
			CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
		51.3901	Licensed Practical/Vocational Nurse Training	2		
		Information Technology	AAS	11.0101	Computer and Information Sciences, General	13
				11.1003	Computer and Information Systems Security/Auditing/Information Assurance	20
			AS	11.0701	Computer Science	4
				30.0101	Biological and Physical Sciences	8
	Education	AAS	19.0709	Child Care Provider/Assistant	16	
		AS	13.0101	Education, General	11	
		CSC	19.0709	Child Care Provider/Assistant	2	
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	4	
			AS	14.0101	Engineering, General	24
		30.0101	Biological and Physical Sciences	25		
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	
			Public Safety	AS	30.0101	Biological and Physical Sciences	3
	Subtotal					237
WCG	Program Area	Degree/Cred Code	CIP	CIP Description		
	Health Care	HMAA	51.0710	Medical Office Assistant/Specialist	12	
		HMAI	51.2603	Medication Aide	1	
		HMCA	51.0801	Medical/Clinical Assistant	92	
		HPHT	51.0805	Pharmacy Technician/Assistant	1	
		HPHV	51.0805	Pharmacy Technician/Assistant	5	
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	70	
	Information Technology	BTIF	11.0101	Computer and Information Sciences, General	63	
		CFOP	11.0901	Computer Systems Networking and Telecommunications	1	
		ICCA	11.0101	Computer and Information Sciences, General	13	
		ICCC	11.0902	Cloud Computing	9	
		ICCE	11.0902	Cloud Computing	9	

		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	4
		ICSP	11.0101	Computer and Information Sciences, General	3
		ICTP	11.1005	Information Technology Project Management	14
		ITAC	11.0101	Computer and Information Sciences, General	51
		ITNK	11.0901	Computer Systems Networking and Telecommunications	22
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	19
		IV3F	11.0101	Computer and Information Sciences, General	7
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	29
		BACP	52.1001	Human Resources Management/Personnel Administration, General	14
		CEL1	46.0302	Electrician	94
		CEL2	46.0302	Electrician	48
		CEL3	46.0302	Electrician	33
		CEL4	46.0302	Electrician	16
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	14
		CPL1	46.0503	Plumbing Technology/Plumber	26
		CPL2	46.0503	Plumbing Technology/Plumber	8
		CPL3	46.0503	Plumbing Technology/Plumber	7
		CPL4	46.0503	Plumbing Technology/Plumber	4
		CPMT	46.0412	Building/Construction Site Management/Manager	9
		FCAW	48.0508	Welding Technology/Welder	5
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	78
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	52
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	26
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	23
		MACE	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	18
		MAFP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	3
		MAMC	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	2
		MAMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MFMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	13
		MFPL	47.0303	Industrial Mechanics and Maintenance Technology/Technician	9
		MFST	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2

		MPNE	47.0303	Industrial Mechanics and Maintenance Technology/Technician	11
		MROB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MSMW	48.0508	Welding Technology/Welder	46
	Subtotal				993

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Mountain Empire

					Enrollments
					Sum
Total					653
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0707	Health Information/Medical Records Technology/Technician	9
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	8
			51.0908	Respiratory Care Therapy/Therapist	19
			51.3801	Registered Nursing/Registered Nurse	40
		CERT	51.0601	Dental Assisting/Assistant	8
			51.0799	Health and Medical Administrative Services, Other	18
			51.3901	Licensed Practical/Vocational Nurse Training	34
			51.0707	Health Information/Medical Records Technology/Technician	5
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	133
			51.1004	Clinical/Medical Laboratory Technician	15
			51.3901	Licensed Practical/Vocational Nurse Training	6
	Information Technology	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	17
		CSC	11.0101	Computer and Information Sciences, General	4
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	9
	Education	CSC	19.0709	Child Care Provider/Assistant	9
	Skilled Trades, Manufacturing & Construction	AAS	15.0599	Environmental Control Technologies/Technicians, Other	35
			15.0612	Industrial Technology/Technician	39
			15.0699	Industrial Production Technologies/Technicians, Other	1
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	13
			52.0499	Business Operations Support and Secretarial Services, Other	14
		CERT	15.0699	Industrial Production Technologies/Technicians, Other	1
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	7
			48.0508	Welding Technology/Welder	4
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	12
			46.0000	Construction Trades, General	1

	Public Safety	AAS	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5
			48.0508	Welding Technology/Welder	1
			43.0102	Corrections	4
			43.0103	Criminal Justice/Law Enforcement Administration	15
			Subtotal		487
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	15
		CCL1	46.0201	Carpentry/Carpenter	14
		CCSC	46.0000	Construction Trades, General	39
		CEL1	46.0302	Electrician	16
		CMA1	46.0101	Mason/Masonry	13
		CPL1	46.0503	Plumbing Technology/Plumber	1
		CWL1	48.0508	Welding Technology/Welder	24
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	43
	Subtotal				166

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Mountain Gateway

					Enrollments
					Sum
Total					351
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	20
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	34
			51.3901	Licensed Practical/Vocational Nurse Training	5
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	16
	Education	AS	13.0101	Education, General	14
		CSC	19.0709	Child Care Provider/Assistant	1
	Skilled Trades, Manufacturing & Construction	AAS	47.0105	Industrial Electronics Technology/Technician	5
		AS	30.0101	Biological and Physical Sciences	4
		CERT	48.0508	Welding Technology/Welder	2
	Subtotal				101
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	18
		HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	15
		HMCA	51.0801	Medical/Clinical Assistant	22
		HMGH	51.3501	Massage Therapy/Therapeutic Massage	8
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	31
	Skilled Trades, Manufacturing & Construction	CCL1	46.0201	Carpentry/Carpenter	5
		CCSC	46.0000	Construction Trades, General	51
		CEL1	46.0302	Electrician	12
		CEL2	46.0302	Electrician	6
		CEL3	46.0302	Electrician	2
		CEL4	46.0302	Electrician	2
		CPL1	46.0503	Plumbing Technology/Plumber	4
		FCAW	48.0508	Welding Technology/Welder	2
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	21
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	19
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	12
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6
		MGMW	48.0508	Welding Technology/Welder	2
		MGTW	48.0508	Welding Technology/Welder	1
		MSMW	48.0508	Welding Technology/Welder	11
	Subtotal				250

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=New River

					Enrollments
					Sum
Total					600
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.1599	Mental and Social Health Services and Allied Professions, Other	32
			51.3801	Registered Nursing/Registered Nurse	43
		CERT	51.1599	Mental and Social Health Services and Allied Professions, Other	4
			51.3901	Licensed Practical/Vocational Nurse Training	10
		CSC	51.0707	Health Information/Medical Records Technology/Technician	6
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	56
			51.1599	Mental and Social Health Services and Allied Professions, Other	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	38
		AS	11.0701	Computer Science	11
	Education	AS	13.0101	Education, General	11
		CERT	19.0709	Child Care Provider/Assistant	4
	Skilled Trades, Manufacturing & Construction	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	27
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	15
			47.0105	Industrial Electronics Technology/Technician	42
			48.0599	Precision Metal Working, Other	7
			52.0499	Business Operations Support and Secretarial Services, Other	31
		AS	14.0101	Engineering, General	19
			30.0101	Biological and Physical Sciences	24
		CERT	48.0508	Welding Technology/Welder	26
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1
			15.0613	Manufacturing Engineering Technology/Technician	1
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1
			46.0302	Electrician	1
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	10
			47.0604	Automobile/Automotive Mechanics Technology/Technician	1
			48.0508	Welding Technology/Welder	4
			48.0599	Precision Metal Working, Other	1
			52.0499	Business Operations Support and Secretarial Services, Other	1

		DIPL	47.0604	Automobile/Automotive Mechanics Technology/Technician	8
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	10
			43.0406	Forensic Science and Technology	4
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	1
	Subtotal				454
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	13
		HEKT	51.0902	Electrocardiograph Technology/Technician	23
		HMCA	51.0801	Medical/Clinical Assistant	39
		HPHV	51.0805	Pharmacy Technician/Assistant	4
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	29
	Skilled Trades, Manufacturing & Construction	ACMT	46.0401	Building/Property Maintenance	1
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	6
		BACP	52.1001	Human Resources Management/Personnel Administration, General	9
		CCSC	46.0000	Construction Trades, General	8
		FCAW	48.0508	Welding Technology/Welder	4
		MGMW	48.0508	Welding Technology/Welder	3
		MSMW	48.0508	Welding Technology/Welder	4
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	3
	Subtotal				146

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Northern Virginia

					Enrollments
					Sum
Total					5,264
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	
					10
			51.0602	Dental Hygiene/Hygienist	27
			51.0707	Health Information/Medical Records Technology/Technician	3
			51.0803	Occupational Therapist Assistant	6
			51.0806	Physical Therapy Assistant	25
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	7
			51.0908	Respiratory Care Therapy/Therapist	9
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	
					19
			51.0911	Radiologic Technology/Science - Radiographer	33
			51.1004	Clinical/Medical Laboratory Technician	8
			51.3801	Registered Nursing/Registered Nurse	66
		CERT	51.0601	Dental Assisting/Assistant	1
			51.1501	Substance Abuse/Addiction Counseling	9
		CSC	51.0707	Health Information/Medical Records Technology/Technician	1
			51.1004	Clinical/Medical Laboratory Technician	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	
					217
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	1,040
		AS	11.0103	Information Technology	696
			11.0701	Computer Science	601
		CSC	11.0101	Computer and Information Sciences, General	
					41
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	7
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	
					47
	Education	AAS	19.0709	Child Care Provider/Assistant	86
		AS	13.0101	Education, General	188
		CERT	19.0709	Child Care Provider/Assistant	9
		CSC	13.0101	Education, General	4
			19.0709	Child Care Provider/Assistant	6
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	
					41
			41.0101	Biology/Biotechnology Technology/Technician	6
			46.0000	Construction Trades, General	46
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	51
			47.0604	Automobile/Automotive Mechanics Technology/Technician	73

		AS	14.0101	Engineering, General	473	
		CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6	
		CSC	15.0000	Engineering Technologies/Technicians, General	3	
			15.0201	Civil Engineering Technologies/Technicians	1	
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3	
			41.0101	Biology/Biotechnology Technology/Technician	1	
			46.0000	Construction Trades, General	4	
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	11	
			47.0604	Automobile/Automotive Mechanics Technology/Technician	6	
			47.0605	Diesel Mechanics Technology/Technician	3	
		48.0508	Welding Technology/Welder	4		
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	34	
		AS	43.0104	Criminal Justice/Safety Studies	223	
		CERT	43.0103	Criminal Justice/Law Enforcement Administration	3	
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	2	
			43.0406	Forensic Science and Technology	2	
	Subtotal					4,163
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
		Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	55
			HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	82
			HMAI	51.2603	Medication Aide	13
			HMCA	51.0801	Medical/Clinical Assistant	251
			HMGH	51.3501	Massage Therapy/Therapeutic Massage	11
HPHT			51.0805	Pharmacy Technician/Assistant	2	
HPL2			51.1009	Phlebotomy Technician/Phlebotomist	47	
Information Technology		BHCA	11.1001	Network and System Administration/Administrator	16	
		BTIF	11.0101	Computer and Information Sciences, General	85	
		IACP	11.0902	Cloud Computing	61	
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	30	
		ICCC	11.0902	Cloud Computing	10	
		ICDC	11.0101	Computer and Information Sciences, General	41	
		ICEH	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	24	
		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	12	
		ISAI	11.0102	Artificial Intelligence	13	
		ISPC	11.0202	Computer Programming, Specific Applications	26	
		ITAC	11.0101	Computer and Information Sciences, General	84	

		ITNK	11.0901	Computer Systems Networking and Telecommunications	76
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	62
	Skilled Trades, Manufacturing & Construction	AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	27
		BACP	52.1001	Human Resources Management/Personnel Administration, General	47
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	26
	Subtotal				1,101

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Patrick & Henry

					Enrollments
					Sum
Total					914
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0806	Physical Therapy Assistant	25
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	13
			51.3801	Registered Nursing/Registered Nurse	10
		CERT	51.3501	Massage Therapy/Therapeutic Massage	1
			51.3901	Licensed Practical/Vocational Nurse Training	5
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.3801	Registered Nursing/Registered Nurse	27
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	22
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	3
	Education	AAS	19.0709	Child Care Provider/Assistant	16
		AS	13.0101	Education, General	11
		CERT	19.0709	Child Care Provider/Assistant	5
		CSC	19.0709	Child Care Provider/Assistant	1
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	14
			15.0612	Industrial Technology/Technician	34
			47.0105	Industrial Electronics Technology/Technician	31
			52.0499	Business Operations Support and Secretarial Services, Other	1
		AS	30.0101	Biological and Physical Sciences	18
		CERT	48.0508	Welding Technology/Welder	12
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7
			48.0508	Welding Technology/Welder	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	15
	Subtotal				275
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	42
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9
		HMCA	51.0801	Medical/Clinical Assistant	129
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	1
		HPHV	51.0805	Pharmacy Technician/Assistant	3
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	84

Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	41
	CCL1	46.0201	Carpentry/Carpenter	21
	CCSC	46.0000	Construction Trades, General	123
	CPL1	46.0503	Plumbing Technology/Plumber	30
	CSM1	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	13
	HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	57
	HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	10
	MACE	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6
	MELT	46.0301	Electrical and Power Transmission Installation/Installer, General	4
	MFIF	15.0699	Industrial Production Technologies/Technicians, Other	13
	MPIF	15.1701	Energy Systems Technology/Technician	27
	PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	26
Subtotal				639

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Paul D. Camp

					Enrollments
					Sum
Total					286
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	9
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	
					4
		CSC	51.0799	Health and Medical Administrative Services, Other	
			51.1004	Clinical/Medical Laboratory Technician	1
			51.3801	Registered Nursing/Registered Nurse	1
	Information Technology				7
		AS	11.0701	Computer Science	
					1
		CSC	11.0101	Computer and Information Sciences, General	
					2
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	
					1
	Education	AAS	19.0709	Child Care Provider/Assistant	6
	Skilled Trades, Manufacturing & Construction	AAS	15.0613	Manufacturing Engineering Technology/Technician	
					1
			15.0699	Industrial Production Technologies/Technicians, Other	
					4
		CERT	46.0302	Electrician	1
		CSC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	
					4
			48.0508	Welding Technology/Welder	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	
					7
	Subtotal				50
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HEKT	51.0902	Electrocardiograph Technology/Technician	
					32
		HMCA	51.0801	Medical/Clinical Assistant	24
		HPCT	51.0801	Medical/Clinical Assistant	12
	Information Technology	HPL2	51.1009	Phlebotomy Technician/Phlebotomist	34
		ITAC	11.0101	Computer and Information Sciences, General	
					6
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	
					8
		CCSC	46.0000	Construction Trades, General	26
		CRSP	49.0206	Mobil Crane Operator/Operation	5
		CTCO	49.0206	Mobil Crane Operator/Operation	8
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	
					2
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	
					4
		MIM2	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	
					5

		MIM3	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	5
		MIM4	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	3
		MMOM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	21
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	11
		MTW2	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	2
		MWW	48.0508	Welding Technology/Welder	25
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	3
	Subtotal				236

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Piedmont Virginia

					Enrollments
					Sum
Total					800
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	7
			51.0909	Surgical Technology/Technologist	4
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	7
			51.0911	Radiologic Technology/Science - Radiographer	7
			51.1004	Clinical/Medical Laboratory Technician	1
			51.3801	Registered Nursing/Registered Nurse	57
		CERT	51.0799	Health and Medical Administrative Services, Other	3
			51.3901	Licensed Practical/Vocational Nurse Training	8
			51.0707	Health Information/Medical Records Technology/Technician	2
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	23
		AS	11.0701	Computer Science	15
		CSC	11.0101	Computer and Information Sciences, General	1
	Education	AS	13.0101	Education, General	7
		CSC	19.0709	Child Care Provider/Assistant	2
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	6
			47.0105	Industrial Electronics Technology/Technician	1
		AS	14.0101	Engineering, General	23
		CSC	15.0699	Industrial Production Technologies/Technicians, Other	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	4
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	3
	Subtotal				185
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9
		HMAI	51.2603	Medication Aide	10
		HMCA	51.0801	Medical/Clinical Assistant	98
		HPCT	51.0801	Medical/Clinical Assistant	49
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	48
		HSPT	51.1012	Sterile Processing Technology/Technician	1
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	8

		ITNK	11.0901	Computer Systems Networking and Telecommunications	6
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	9
	Skilled Trades, Manufacturing & Construction	ACL1	46.0000	Construction Trades, General	1
		AESC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	15
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	6
		AHE2	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		AHE3	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	34
		CCSC	46.0000	Construction Trades, General	126
		CEL1	46.0302	Electrician	56
		CEL2	46.0302	Electrician	7
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	13
		CNSC	46.0000	Construction Trades, General	4
		CPL1	46.0503	Plumbing Technology/Plumber	6
		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	1
		MGMW	48.0508	Welding Technology/Welder	31
		MSMW	48.0508	Welding Technology/Welder	13
		MWW	48.0508	Welding Technology/Welder	46
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	3
		TFSE	47.0606	Small Engine Mechanics and Repair Technology/Technician	7
		TTEC	47.0606	Small Engine Mechanics and Repair Technology/Technician	4
	Subtotal				615

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Rappahannock

					Enrollments	
					Sum	
Total					478	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	5	
			51.3801	Registered Nursing/Registered Nurse	37	
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	15	
			CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	6
		51.0910		Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	23	
		51.1004		Clinical/Medical Laboratory Technician	4	
		51.3801		Registered Nursing/Registered Nurse	42	
		51.3901	Licensed Practical/Vocational Nurse Training	6		
		Information Technology	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	2	
		CSC	47.0105	Industrial Electronics Technology/Technician	1	
			47.0605	Diesel Mechanics Technology/Technician	1	
	Public Safety	CSC	43.0103	Criminal Justice/Law Enforcement Administration	8	
	Subtotal					152
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
		Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	28
			HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	25
			HMAI	51.2603	Medication Aide	10
			HMCA	51.0801	Medical/Clinical Assistant	29
			HPHV	51.0805	Pharmacy Technician/Assistant	1
Skilled Trades, Manufacturing & Construction		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	19	
		FCAW	48.0508	Welding Technology/Welder	34	
		MAPP	48.0508	Welding Technology/Welder	10	
		MGMW	48.0508	Welding Technology/Welder	50	
		MGTW	48.0508	Welding Technology/Welder	29	
		MSMW	48.0508	Welding Technology/Welder	54	
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	37	
Subtotal					326	

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Southside Virginia

					Enrollments
					Sum
Total					417
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	7
			51.1599	Mental and Social Health Services and Allied Professions, Other	37
			51.3801	Registered Nursing/Registered Nurse	17
		CERT	51.1501	Substance Abuse/Addiction Counseling	2
			51.3901	Licensed Practical/Vocational Nurse Training	26
		CSC	51.0799	Health and Medical Administrative Services, Other	6
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	3
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	17
			11.0901	Computer Systems Networking and Telecommunications	10
		CERT	11.0101	Computer and Information Sciences, General	1
	Education Skilled Trades, Manufacturing & Construction	CSC	19.0709	Child Care Provider/Assistant	2
					1
		AAS	15.0612	Industrial Technology/Technician	2
			52.0499	Business Operations Support and Secretarial Services, Other	8
		CERT	46.0302	Electrician	3
			47.0604	Automobile/Automotive Mechanics Technology/Technician	1
			48.0508	Welding Technology/Welder	1
		CSC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2
			47.0604	Automobile/Automotive Mechanics Technology/Technician	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	17
		CERT	43.0103	Criminal Justice/Law Enforcement Administration	1
	Subtotal				168
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	36
		HPTE	51.1009	Phlebotomy Technician/Phlebotomist	44

Skilled Trades, Manufacturing & Construction	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	9
	HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	15
	HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9
	MGMW	48.0508	Welding Technology/Welder	1
	MPIF	15.1701	Energy Systems Technology/Technician	12
	PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	12
	THTB	47.0604	Automobile/Automotive Mechanics Technology/Technician	17
	THTE	47.0604	Automobile/Automotive Mechanics Technology/Technician	17
	THTM	47.0604	Automobile/Automotive Mechanics Technology/Technician	17
	TSP2	47.0605	Diesel Mechanics Technology/Technician	17
	TTDE	47.0604	Automobile/Automotive Mechanics Technology/Technician	17
	TTSS	47.0604	Automobile/Automotive Mechanics Technology/Technician	17
	Subtotal			249

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Southwest Virginia

					Enrollments
					Sum
Total					1,062
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0803	Occupational Therapist Assistant	10
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	29
			51.0911	Radiologic Technology/Science - Radiographer	6
			51.1599	Mental and Social Health Services and Allied Professions, Other	60
			51.3801	Registered Nursing/Registered Nurse	26
		AS	30.0101	Biological and Physical Sciences	20
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	99
			51.1501	Substance Abuse/Addiction Counseling	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	8
			51.3901	Licensed Practical/Vocational Nurse Training	14
		CSC	51.0707	Health Information/Medical Records Technology/Technician	20
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	6
			51.1004	Clinical/Medical Laboratory Technician	7
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	25
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8
	Education	AAS	19.0709	Child Care Provider/Assistant	38
		AS	13.0101	Education, General	29
		CSC	19.0709	Child Care Provider/Assistant	21
	Skilled Trades, Manufacturing & Construction	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	1
		AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	12
			15.0612	Industrial Technology/Technician	3
			15.0901	Mining Technology/Technician	8
		AS	14.0101	Engineering, General	12
			30.0101	Biological and Physical Sciences	20
		CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3
		CSC	14.0101	Engineering, General	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	4
			15.0699	Industrial Production Technologies/Technicians, Other	12
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2

			47.0604	Automobile/Automotive Mechanics Technology/Technician	3
			48.0508	Welding Technology/Welder	7
			48.0508	Welding Technology/Welder	8
	Public Safety	DIPL	48.0508	Welding Technology/Welder	8
		AAS	43.0103	Criminal Justice/Law Enforcement Administration	11
		CERT	43.0103	Criminal Justice/Law Enforcement Administration	2
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	7
Subtotal					544
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	52
		HMAI	51.2603	Medication Aide	9
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	20
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	43
		CCL1	46.0201	Carpentry/Carpenter	6
		CCL2	46.0201	Carpentry/Carpenter	3
		CCRL	15.1001	Construction Engineering Technology/Technician	5
		CCSC	46.0000	Construction Trades, General	50
		CFOT	46.0301	Electrical and Power Transmission Installation/Installer, General	17
		CMA1	46.0101	Mason/Masonry	4
		CPL1	46.0503	Plumbing Technology/Plumber	4
		FCAW	48.0508	Welding Technology/Welder	30
		MGMW	48.0508	Welding Technology/Welder	17
		MGTW	48.0508	Welding Technology/Welder	12
		MSMW	48.0508	Welding Technology/Welder	63
		MYL2	46.0101	Mason/Masonry	4
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	34
		THTB	47.0604	Automobile/Automotive Mechanics Technology/Technician	17
		THTE	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		THTM	47.0604	Automobile/Automotive Mechanics Technology/Technician	15
		TTDE	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		TTSS	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		TWZF	49.0207	Flagging and Traffic Control	65
	Subtotal				518

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Tidewater

					Enrollments
					Sum
Total					3,064
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	23
			51.0707	Health Information/Medical Records Technology/Technician	17
			51.0803	Occupational Therapist Assistant	12
			51.0806	Physical Therapy Assistant	14
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	44
			51.0908	Respiratory Care Therapy/Therapist	22
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	16
			51.0911	Radiologic Technology/Science - Radiographer	15
			51.1004	Clinical/Medical Laboratory Technician	9
			51.1599	Mental and Social Health Services and Allied Professions, Other	61
			51.3801	Registered Nursing/Registered Nurse	54
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	277
			51.3901	Licensed Practical/Vocational Nurse Training	11
		CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	2
			51.0799	Health and Medical Administrative Services, Other	3
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	9
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	44
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	10
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	186
		AS	11.0701	Computer Science	138
		CERT	11.0101	Computer and Information Sciences, General	3
			11.0101	Computer and Information Sciences, General	5
		CSC	11.0801	Web Page, Digital/Multimedia and Information Resources Design	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	13
	Education	AAS	19.0709	Child Care Provider/Assistant	79
		AS	13.0101	Education, General	22
		CERT	19.0709	Child Care Provider/Assistant	3
		CSC	19.0709	Child Care Provider/Assistant	2

Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	14		
		15.0201	Civil Engineering Technologies/Technicians	7		
		15.0612	Industrial Technology/Technician	1		
		15.0613	Manufacturing Engineering Technology/Technician	7		
		15.0699	Industrial Production Technologies/Technicians, Other	1		
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	7		
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	25		
		46.0302	Electrician	16		
		47.0000	Mechanics and Repairers, General	10		
		47.0105	Industrial Electronics Technology/Technician	1		
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	18		
		47.0604	Automobile/Automotive Mechanics Technology/Technician	48		
		47.0605	Diesel Mechanics Technology/Technician	9		
		AS	14.0101	Engineering, General	52	
			30.0101	Biological and Physical Sciences	261	
		CERT	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3	
			46.0302	Electrician	17	
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5	
			48.0508	Welding Technology/Welder	14	
		CSC	15.0201	Civil Engineering Technologies/Technicians	2	
			15.0699	Industrial Production Technologies/Technicians, Other	1	
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	7	
			46.0000	Construction Trades, General	2	
			46.0302	Electrician	3	
			47.0603	Autobody/Collision and Repair Technology/Technician	1	
			48.0508	Welding Technology/Welder	2	
	Public Safety		AAS	43.0103	Criminal Justice/Law Enforcement Administration	126
		43.0203		Fire Science/Fire-fighting	11	
		CSC	43.0406	Forensic Science and Technology	2	
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	41	
			52.0901	Hospitality Administration/Management, General	11	
		CSC	12.0500	Cooking and Related Culinary Arts, General	1	
			52.0901	Hospitality Administration/Management, General	1	
	Subtotal				1,822	
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	

	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	174
		HEKT	51.0902	Electrocardiograph Technology/Technician	37
		HMAA	51.0710	Medical Office Assistant/Specialist	47
		HMCA	51.0801	Medical/Clinical Assistant	122
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	56
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	110
		HPMA	51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	13
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	32
		ITNK	11.0901	Computer Systems Networking and Telecommunications	1
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	6
	Skilled Trades, Manufacturing & Construction	CCL1	46.0201	Carpentry/Carpenter	12
		CCSC	46.0000	Construction Trades, General	109
		CEL1	46.0302	Electrician	38
		FCAW	48.0508	Welding Technology/Welder	50
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	37
		MGMW	48.0508	Welding Technology/Welder	90
		MGTW	48.0508	Welding Technology/Welder	36
		MMSM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	16
		MMTC	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTP	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	22
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	58
		MSMW	48.0508	Welding Technology/Welder	165
		MTW2	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	1
		MTW3	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	2
	Subtotal				1,242

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Virginia Highlands

					Enrollments
					Sum
Total					400
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0911	Radiologic Technology/Science - Radiographer	6
			51.1599	Mental and Social Health Services and Allied Professions, Other	13
			51.3801	Registered Nursing/Registered Nurse	27
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	66
			51.3901	Licensed Practical/Vocational Nurse Training	10
		CSC	51.0707	Health Information/Medical Records Technology/Technician	19
			51.0801	Medical/Clinical Assistant	9
			51.1599	Mental and Social Health Services and Allied Professions, Other	4
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	4
		AS	11.0701	Computer Science	6
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2
	Education	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	4
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	4
			46.0302	Electrician	26
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	14
			48.0599	Precision Metal Working, Other	6
		AS	14.0101	Engineering, General	3
			30.0101	Biological and Physical Sciences	24
		CERT	46.0302	Electrician	1
			52.0499	Business Operations Support and Secretarial Services, Other	1
		CSC	47.0605	Diesel Mechanics Technology/Technician	14
			48.0508	Welding Technology/Welder	14
			48.0599	Precision Metal Working, Other	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	9
	Subtotal				289
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	20
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	25
		HMCA	51.0801	Medical/Clinical Assistant	6

	Skilled Trades, Manufacturing & Construction	HPL2	51.1009	Phlebotomy Technician/Phlebotomist	48
		HPLT	51.1009	Phlebotomy Technician/Phlebotomist	1
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	4
		AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3
		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	4
		Subtotal			111

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Virginia Peninsula

					Enrollments	
					Sum	
Total					1,591	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	6	
			51.1599	Mental and Social Health Services and Allied Professions, Other	47	
			51.3801	Registered Nursing/Registered Nurse	22	
		CSC	51.0799	Health and Medical Administrative Services, Other	1	
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5	
			51.1599	Mental and Social Health Services and Allied Professions, Other	4	
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	53	
		AS	11.0103	Information Technology	48	
			11.0701	Computer Science	29	
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	3	
	Education	AAS	19.0709	Child Care Provider/Assistant	32	
		CERT	19.0709	Child Care Provider/Assistant	2	
		CSC	19.0709	Child Care Provider/Assistant	2	
	Skilled Trades, Manufacturing & Construction	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	4	
			15.0612	Industrial Technology/Technician	10	
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	12	
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	5	
			47.0604	Automobile/Automotive Mechanics Technology/Technician	11	
		AS	14.0101	Engineering, General	17	
			30.0101	Biological and Physical Sciences	76	
		CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1	
			47.0604	Automobile/Automotive Mechanics Technology/Technician	1	
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	14	
			43.0203	Fire Science/Fire-fighting	5	
	Subtotal					410
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
Health Care		HBCH	51.0713	Medical Insurance Coding Specialist/Coder	42	
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	64	
		HEKT	51.0902	Electrocardiograph Technology/Technician	74	
		HMAA	51.0710	Medical Office Assistant/Specialist	72	
		HMCA	51.0801	Medical/Clinical Assistant	90	

	Information Technology	HPHV	51.0805	Pharmacy Technician/Assistant	4
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	90
		ITAC	11.0101	Computer and Information Sciences, General	53
		ITNK	11.0901	Computer Systems Networking and Telecommunications	19
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	10
	Skilled Trades, Manufacturing & Construction	BACP	52.1001	Human Resources Management/Personnel Administration, General	10
		CCL1	46.0201	Carpentry/Carpenter	12
		CCL2	46.0201	Carpentry/Carpenter	4
		CCSC	46.0000	Construction Trades, General	29
		CEL1	46.0302	Electrician	23
		CEL2	46.0302	Electrician	11
		CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4
		FCAW	48.0508	Welding Technology/Welder	120
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	17
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	7
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	3
		MGMW	48.0508	Welding Technology/Welder	84
		MGTW	48.0508	Welding Technology/Welder	75
		MMTE	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	52
		MSMW	48.0508	Welding Technology/Welder	138
		MTW3	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	6
		MWW	48.0508	Welding Technology/Welder	47
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	1
		TFMT	46.0401	Building/Property Maintenance	12
	Subtotal				1,181

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Virginia Western

					Enrollments
					Sum
Total					926
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0602	Dental Hygiene/Hygienist	24
			51.0806	Physical Therapy Assistant	22
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist	9
			51.0909	Surgical Technology/Technologist	16
			51.0911	Radiologic Technology/Science - Radiographer	20
			51.1004	Clinical/Medical Laboratory Technician	6
			51.1599	Mental and Social Health Services and Allied Professions, Other	34
			51.3801	Registered Nursing/Registered Nurse	26
		AS	30.0101	Biological and Physical Sciences	32
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	12
		CSC	51.0602	Dental Hygiene/Hygienist	18
			51.0707	Health Information/Medical Records Technology/Technician	15
			51.0799	Health and Medical Administrative Services, Other	2
			51.0803	Occupational Therapist Assistant	2
			51.0806	Physical Therapy Assistant	14
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	6
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist	8
			51.0909	Surgical Technology/Technologist	9
			51.0911	Radiologic Technology/Science - Radiographer	54
			51.1004	Clinical/Medical Laboratory Technician	12
			51.3801	Registered Nursing/Registered Nurse	74
			51.3901	Licensed Practical/Vocational Nurse Training	11
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	57
		AS	11.0701	Computer Science	34
			30.0101	Biological and Physical Sciences	10
		CSC	11.0101	Computer and Information Sciences, General	4
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	10
	Education	AAS	19.0709	Child Care Provider/Assistant	17
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	7
			15.0613	Manufacturing Engineering Technology/Technician	29
			52.0499	Business Operations Support and Secretarial Services, Other	14
		AS	14.0101	Engineering, General	79
			30.0101	Biological and Physical Sciences	75

		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2
			46.0000	Construction Trades, General	5
			46.0302	Electrician	11
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	12
			47.0604	Automobile/Automotive Mechanics Technology/Technician	4
			48.0508	Welding Technology/Welder	12
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	15
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	24
		CSC	12.0500	Cooking and Related Culinary Arts, General	1
			52.0901	Hospitality Administration/Management, General	1
Subtotal					849
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HEKT	51.0902	Electrocardiograph Technology/Technician	2
		HMAA	51.0710	Medical Office Assistant/Specialist	24
		HMCA	51.0801	Medical/Clinical Assistant	31
		HPHV	51.0805	Pharmacy Technician/Assistant	1
	Information Technology	ICLC	11.9999	Computer and Information Sciences and Support Services, Other	1
		ITAC	11.0101	Computer and Information Sciences, General	8
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	3
	Skilled Trades, Manufacturing & Construction	CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		CTOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MNJ1	48.0599	Precision Metal Working, Other	2
		MNM1	48.0599	Precision Metal Working, Other	2
		MPL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
Subtotal					77

Appendix 3. AY 2024 G3 enrollments in all programs of study

COLLEGE=Wytheville

					Enrollments		
					Sum		
Total					438		
	Program Area	Degree/Cred Code	CIP	CIP Description			
Credit	Health Care	AAS	51.0602	Dental Hygiene/Hygienist	11		
			51.0806	Physical Therapy Assistant	9		
			51.1004	Clinical/Medical Laboratory Technician	2		
			51.3801	Registered Nursing/Registered Nurse	9		
		CERT	51.0799	Health and Medical Administrative Services, Other	4		
			51.3901	Licensed Practical/Vocational Nurse Training	20		
		CSC	51.0707	Health Information/Medical Records Technology/Technician	6		
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	11		
			51.1004	Clinical/Medical Laboratory Technician	1		
			Information Technology	AAS	11.0101	Computer and Information Sciences, General	19
		CSC		11.0101	Computer and Information Sciences, General	2	
				15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2	
		Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	44	
				48.0599	Precision Metal Working, Other	14	
	CERT		52.0499	Business Operations Support and Secretarial Services, Other	2		
	CSC		46.0000	Construction Trades, General	4		
			46.0302	Electrician	8		
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3		
			48.0508	Welding Technology/Welder	4		
	DIPL		52.0499	Business Operations Support and Secretarial Services, Other	1		
			46.0000	Construction Trades, General	26		
			Public Safety	AAS	43.0102	Corrections	1
					43.0103	Criminal Justice/Law Enforcement Administration	22
	CSC			22.0302	Legal Assistant/Paralegal	1	
	Subtotal					226	
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description		
		Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	16	
			CCSC	46.0000	Construction Trades, General	22	
			CIM3	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4	
			FCAW	48.0508	Welding Technology/Welder	5	
MAIF			47.0303	Industrial Mechanics and Maintenance Technology/Technician	6		

		MFIF	15.0699	Industrial Production Technologies/Technicians, Other	9
		MGMW	48.0508	Welding Technology/Welder	32
		MGTW	48.0508	Welding Technology/Welder	23
		MPIF	15.1701	Energy Systems Technology/Technician	23
		MSMW	48.0508	Welding Technology/Welder	16
		ODMP	47.0605	Diesel Mechanics Technology/Technician	3
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	8
		PLWD	46.0301	Electrical and Power Transmission Installation/Installer, General	7
		PMIM	48.0000	Precision Production Trades, General	10
		TAEF	47.0604	Automobile/Automotive Mechanics Technology/Technician	15
		TATB	47.0604	Automobile/Automotive Mechanics Technology/Technician	13
	Subtotal				212

Appendix 4. AY 2024-25 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
VCCS	4,398	3,311	2,670	2,899	13,278
Blue Ridge	108	124	140	130	502
Brightpoint	290	179	178	221	868
Central Virginia	78	69	88	71	306
Danville	110	79	54	51	294
Eastern Shore	44	26	29	10	109
Germanna	140	113	98	147	498
J. Sargeant Reynolds	348	230	195	173	946
Laurel Ridge	34	35	79	77	225
Mountain Empire	185	116	65	68	434
Mountain Gateway	19	26	18	26	89
New River	130	88	95	106	419
Northern Virginia	1,353	1,086	645	852	3,936
Patrick & Henry	99	67	45	46	257
Paul D. Camp	18	11	11	10	50
Piedmont Virginia	36	23	53	66	178
Rappahannock	29	23	46	38	136
Southside Virginia	61	47	22	29	159
Southwest Virginia	200	132	94	80	506
Tidewater	603	445	359	323	1,730
Virginia Highlands	95	69	41	60	265
Virginia Peninsula	146	107	69	79	401
Virginia Western	210	170	192	197	769
Wytheville	62	46	54	39	201

Appendix 5: AY 2024-25 G3 awards earned by college

			Awards
			Sum
VCCS	Credit Programs	Assoc. Degree	1,665
		Certificate (1-2 years)	298
		Certificate (<1 year)	1,643
		Diploma	42
		Total	3,648
	WCG Noncredit Programs	Third-Party Credential	4,801
		WCG Course Completions	8,993
		Total	13,794
	Total		17,442
Blue Ridge	Credit Programs	Assoc. Degree	67
		Certificate (1-2 years)	5
		Certificate (<1 year)	58
		Total	130
	WCG Noncredit Programs	Third-Party Credential	165
		WCG Course Completions	274
		Total	439
	Total		569
Brightpoint	Credit Programs	Assoc. Degree	83
		Certificate (1-2 years)	15
		Certificate (<1 year)	61
		Total	159
	WCG Noncredit Programs	Third-Party Credential	443
		WCG Course Completions	1,029
		Total	1,472
	Total		1,631
Central Virginia	Credit Programs	Assoc. Degree	33
		Certificate (1-2 years)	21
		Certificate (<1 year)	68
		Diploma	16
		Total	138
	WCG Noncredit Programs	Third-Party Credential	366
		WCG Course Completions	688
		Total	1,054
	Total		1,192
Danville	Credit Programs	Assoc. Degree	39
		Certificate (1-2 years)	19
		Certificate (<1 year)	98
		Diploma	21
		Total	177
	WCG Noncredit Programs	Third-Party Credential	1
		WCG Course Completions	62
		Total	63
	Total		240
Eastern Shore	Credit Programs	Assoc. Degree	3

		Certificate (1-2 years)	16
		Certificate (<1 year)	41
		Total	60
	WCG Noncredit Programs	Third-Party Credential	59
		WCG Course Completions	376
		Total	435
	Total		495
Germanna	Credit Programs	Assoc. Degree	79
		Certificate (1-2 years)	8
		Certificate (<1 year)	42
		Total	129
	WCG Noncredit Programs	Third-Party Credential	279
		WCG Course Completions	539
		Total	818
	Total		947
J. Sargeant Reynolds	Credit Programs	Assoc. Degree	77
		Certificate (1-2 years)	25
		Certificate (<1 year)	177
		Total	279
	Total		279
Laurel Ridge	Credit Programs	Assoc. Degree	46
		Certificate (1-2 years)	6
		Certificate (<1 year)	18
		Total	70
	WCG Noncredit Programs	Third-Party Credential	444
		WCG Course Completions	672
		Total	1,116
	Total		1,186
Mountain Empire	Credit Programs	Assoc. Degree	46
		Certificate (1-2 years)	30
		Certificate (<1 year)	180
		Total	256
	WCG Noncredit Programs	Third-Party Credential	121
		WCG Course Completions	161
		Total	282
	Total		538
Mountain Gateway	Credit Programs	Assoc. Degree	12
		Certificate (1-2 years)	17
		Certificate (<1 year)	16
		Total	45
	WCG Noncredit Programs	Third-Party Credential	66
		WCG Course Completions	174
		Total	240
	Total		285
New River	Credit Programs	Assoc. Degree	62
		Certificate (1-2 years)	23
		Certificate (<1 year)	124
		Diploma	3

		Total	212
	WCG Noncredit Programs	Third-Party Credential	61
		WCG Course Completions	111
		Total	172
	Total		384
Northern Virginia	Credit Programs	Assoc. Degree	576
		Certificate (1-2 years)	14
		Certificate (<1 year)	121
		Total	711
	WCG Noncredit Programs	Third-Party Credential	402
		WCG Course Completions	848
		Total	1,250
	Total		1,961
Patrick & Henry	Credit Programs	Assoc. Degree	40
		Certificate (1-2 years)	15
		Certificate (<1 year)	36
		Total	91
	WCG Noncredit Programs	Third-Party Credential	207
		WCG Course Completions	357
		Total	564
	Total		655
Paul D. Camp	Credit Programs	Assoc. Degree	7
		Certificate (1-2 years)	2
		Certificate (<1 year)	3
		Total	12
	WCG Noncredit Programs	Third-Party Credential	90
		WCG Course Completions	172
		Total	262
	Total		274
Piedmont Virginia	Credit Programs	Assoc. Degree	34
		Certificate (1-2 years)	7
		Certificate (<1 year)	9
		Total	50
	WCG Noncredit Programs	Third-Party Credential	293
		WCG Course Completions	463
		Total	756
	Total		806
Rappahannock	Credit Programs	Assoc. Degree	11
		Certificate (1-2 years)	4
		Certificate (<1 year)	17
		Total	32
	WCG Noncredit Programs	Third-Party Credential	130
		WCG Course Completions	247
		Total	377
	Total		409
Southside Virginia	Credit Programs	Assoc. Degree	20
		Certificate (1-2 years)	4
		Certificate (<1 year)	8

		Total	32
	WCG Noncredit Programs	Third-Party Credential	163
		WCG Course Completions	236
		Total	399
	Total		431
Southwest Virginia	Credit Programs	Assoc. Degree	52
		Certificate (1-2 years)	20
		Certificate (<1 year)	76
		Diploma	1
		Total	149
	WCG Noncredit Programs	Third-Party Credential	309
		WCG Course Completions	421
		Total	730
	Total		879
Tidewater	Credit Programs	Assoc. Degree	175
		Certificate (1-2 years)	17
		Certificate (<1 year)	162
		Total	354
	WCG Noncredit Programs	Third-Party Credential	467
		WCG Course Completions	925
		Total	1,392
	Total		1,746
Virginia Highlands	Credit Programs	Assoc. Degree	38
		Certificate (1-2 years)	6
		Certificate (<1 year)	69
		Total	113
	WCG Noncredit Programs	Third-Party Credential	79
		WCG Course Completions	86
		Total	165
	Total		278
Virginia Peninsula	Credit Programs	Assoc. Degree	42
		Certificate (1-2 years)	4
		Certificate (<1 year)	21
		Total	67
	WCG Noncredit Programs	Third-Party Credential	496
		WCG Course Completions	903
		Total	1,399
	Total		1,466
Virginia Western	Credit Programs	Assoc. Degree	93
		Certificate (1-2 years)	3
		Certificate (<1 year)	145
		Total	241
	WCG Noncredit Programs	Third-Party Credential	30
		WCG Course Completions	59
		Total	89
	Total		330
Wytheville	Credit Programs	Assoc. Degree	30
		Certificate (1-2 years)	17

		Certificate (<1 year)	93
		Diploma	1
		Total	141
	WCG Noncredit Programs	Third-Party Credential	130
		WCG Course Completions	190
		Total	320
	Total		461

**Appendix 6: AY 2024-25 G3 individual program completions by college
VCCS**

					Completions
					Sum
Total					12,641
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	
					31
			51.0602	Dental Hygiene/Hygienist	20
			51.0707	Health Information/Medical Records Technology/Technician	15
			51.0803	Occupational Therapist Assistant	16
			51.0806	Physical Therapy Assistant	46
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	25
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist	6
			51.0908	Respiratory Care Therapy/Therapist	36
			51.0909	Surgical Technology/Technologist	6
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	20
			51.0911	Radiologic Technology/Science - Radiographer	29
			51.1004	Clinical/Medical Laboratory Technician	18
			51.1599	Mental and Social Health Services and Allied Professions, Other	52
			51.1801	Opticianry/Ophthalmic Dispensing Optician	2
			51.3801	Registered Nursing/Registered Nurse	230
		AS	30.0101	Biological and Physical Sciences	10
		CERT	51.0601	Dental Assisting/Assistant	16
			51.0799	Health and Medical Administrative Services, Other	8
			51.0801	Medical/Clinical Assistant	2
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	23
			51.1501	Substance Abuse/Addiction Counseling	1
			51.1599	Mental and Social Health Services and Allied Professions, Other	4
			51.3901	Licensed Practical/Vocational Nurse Training	88
		CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	6
			51.0601	Dental Assisting/Assistant	1
			51.0602	Dental Hygiene/Hygienist	1
			51.0707	Health Information/Medical Records Technology/Technician	60
			51.0799	Health and Medical Administrative Services, Other	21
			51.0801	Medical/Clinical Assistant	8
			51.0806	Physical Therapy Assistant	1

			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	22
			51.0909	Surgical Technology/Technologist	2
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	3
			51.0911	Radiologic Technology/Science - Radiographer	5
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	147
			51.1004	Clinical/Medical Laboratory Technician	33
			51.1599	Mental and Social Health Services and Allied Professions, Other	73
			51.1801	Opticianry/Ophthalmic Dispensing Optician	1
			51.3501	Massage Therapy/Therapeutic Massage	4
			51.3801	Registered Nursing/Registered Nurse	13
			51.3901	Licensed Practical/Vocational Nurse Training	14
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	131
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	7
			11.0901	Computer Systems Networking and Telecommunications	1
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	264
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
		AS	11.0103	Information Technology	112
			11.0701	Computer Science	85
			30.0101	Biological and Physical Sciences	5
		CERT	11.0101	Computer and Information Sciences, General	3
			11.0103	Information Technology	4
		CSC	11.0101	Computer and Information Sciences, General	90
			11.0701	Computer Science	2
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	7
			11.0901	Computer Systems Networking and Telecommunications	5
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	179
	Education	AAS	19.0709	Child Care Provider/Assistant	69
		AS	13.0101	Education, General	27
		CERT	19.0709	Child Care Provider/Assistant	42
		CSC	13.0101	Education, General	3
			13.1501	Teacher Assistant/Aide	21
			19.0707	Family and Community Services	2
			19.0709	Child Care Provider/Assistant	160
	Skilled Trades, Manufacturing & Construction	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	1
		AAS	15.0000	Engineering Technologies/Technicians, General	10
			15.0201	Civil Engineering Technologies/Technicians	1

			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	10
			15.0599	Environmental Control Technologies/Technicians, Other	14
			15.0612	Industrial Technology/Technician	32
			15.0613	Manufacturing Engineering Technology/Technician	12
			15.0699	Industrial Production Technologies/Technicians, Other	2
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	4
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	12
			46.0000	Construction Trades, General	4
			46.0302	Electrician	9
			47.0105	Industrial Electronics Technology/Technician	14
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	10
			47.0604	Automobile/Automotive Mechanics Technology/Technician	18
			47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	3
			48.0599	Precision Metal Working, Other	7
			52.0499	Business Operations Support and Secretarial Services, Other	15
		AS	14.0101	Engineering, General	68
			30.0101	Biological and Physical Sciences	53
		CERT	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8
			15.0699	Industrial Production Technologies/Technicians, Other	2
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	5
			46.0000	Construction Trades, General	3
			46.0302	Electrician	6
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	20
			47.0605	Diesel Mechanics Technology/Technician	1
			47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	3
			48.0508	Welding Technology/Welder	31
			48.0599	Precision Metal Working, Other	14
			52.0499	Business Operations Support and Secretarial Services, Other	1
		CSC	14.0101	Engineering, General	1
			15.0000	Engineering Technologies/Technicians, General	4
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	70
			15.0599	Environmental Control Technologies/Technicians, Other	25
			15.0613	Manufacturing Engineering Technology/Technician	22

			15.0699	Industrial Production Technologies/Technicians, Other	20		
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	8		
			15.0901	Mining Technology/Technician	1		
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	13		
			46.0000	Construction Trades, General	28		
			46.0302	Electrician	73		
			47.0105	Industrial Electronics Technology/Technician	28		
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	47		
			47.0603	Autobody/Collision and Repair Technology/Technician	1		
			47.0604	Automobile/Automotive Mechanics Technology/Technician	95		
			47.0605	Diesel Mechanics Technology/Technician	14		
			47.0703	Solar Energy System Installation and Repair Technology/Technician	11		
			48.0508	Welding Technology/Welder	151		
			48.0599	Precision Metal Working, Other	53		
			52.0499	Business Operations Support and Secretarial Services, Other	7		
			DIPL	46.0000	Construction Trades, General	1	
				47.0105	Industrial Electronics Technology/Technician	4	
				47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6	
				47.0604	Automobile/Automotive Mechanics Technology/Technician	6	
				48.0508	Welding Technology/Welder	4	
				48.0599	Precision Metal Working, Other	21	
			Public Safety	AAS	43.0102	Corrections	4
					43.0103	Criminal Justice/Law Enforcement Administration	56
					43.0203	Fire Science/Fire-fighting	2
				AS	30.0101	Biological and Physical Sciences	1
					43.0104	Criminal Justice/Safety Studies	23
				CERT	43.0103	Criminal Justice/Law Enforcement Administration	8
				CSC	22.0302	Legal Assistant/Paralegal	1
	43.0102	Corrections			1		
	43.0103	Criminal Justice/Law Enforcement Administration			52		
	43.0203	Fire Science/Fire-fighting			5		
	43.0406	Forensic Science and Technology			1		
	Hospitality & Culinary Arts	AAS		12.0500	Cooking and Related Culinary Arts, General	12	
		CERT	12.0500	Cooking and Related Culinary Arts, General	3		
		CSC	12.0500	Cooking and Related Culinary Arts, General	18		
			52.0901	Hospitality Administration/Management, General	9		
	Subtotal					3,648	
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description		

Health Care	CRCS	51.1012	Sterile Processing Technology/Technician	11
	HAMS	51.0708	Medical Transcription/Transcriptionist	1
	HBAC	51.0713	Medical Insurance Coding Specialist/Coder	1
	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	194
	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	442
	HCPB	51.0713	Medical Insurance Coding Specialist/Coder	36
	HEKT	51.0902	Electrocardiograph Technology/Technician	190
	HEM0	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	20
	HEM2	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	15
	HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	41
	HMAA	51.0710	Medical Office Assistant/Specialist	135
	HMAI	51.2603	Medication Aide	51
	HMCA	51.0801	Medical/Clinical Assistant	815
	HMCP	51.0713	Medical Insurance Coding Specialist/Coder	130
	HNCT	51.0801	Medical/Clinical Assistant	2
	HPCT	51.0801	Medical/Clinical Assistant	39
	HPHT	51.0805	Pharmacy Technician/Assistant	3
	HPHV	51.0805	Pharmacy Technician/Assistant	31
	HPL2	51.1009	Phlebotomy Technician/Phlebotomist	522
	HPLT	51.1009	Phlebotomy Technician/Phlebotomist	5
	HPMA	51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	13
	HPT4	51.1009	Phlebotomy Technician/Phlebotomist	66
	HPTE	51.1009	Phlebotomy Technician/Phlebotomist	40
	HSPT	51.1012	Sterile Processing Technology/Technician	1
	LETC	51.9999	Health Professions and Related Clinical Sciences, Other	7
	MPMT	51.2010	Pharmaceutical Sciences	10
Information Technology	BHCA	11.1001	Network and System Administration/Administrator	8
	BTIF	11.0101	Computer and Information Sciences, General	235
	CISM	11.0501	Computer Systems Analysis/Analyst	12
	IACP	11.0902	Cloud Computing	77
	IASA	11.9999	Computer and Information Sciences and Support Services, Other	26
	ICCA	11.0101	Computer and Information Sciences, General	13
	ICCC	11.0902	Cloud Computing	17
	ICCE	11.0902	Cloud Computing	67
	ICDC	11.0101	Computer and Information Sciences, General	31
	ICEH	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	20
	ICIP	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	49
	ICLC	11.9999	Computer and Information Sciences and Support Services, Other	16

		ICTP	11.1005	Information Technology Project Management	11
		ISAI	11.0102	Artificial Intelligence	3
		ISPC	11.0202	Computer Programming, Specific Applications	24
		ITAC	11.0101	Computer and Information Sciences, General	261
		ITNK	11.0901	Computer Systems Networking and Telecommunications	137
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	124
		IV3F	11.0101	Computer and Information Sciences, General	6
		PCAP	11.0202	Computer Programming, Specific Applications	13
	Skilled Trades, Manufacturing & Construction	ACL1	46.0000	Construction Trades, General	1
		ACMT	46.0401	Building/Property Maintenance	6
		AESC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	15
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	135
		AHE2	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		AHE3	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	58
		ASBI	46.0403	Building/Home/Construction Inspection/Inspector	2
		AWZT	49.0207	Flagging and Traffic Control	1
		BACP	52.1001	Human Resources Management/Personnel Administration, General	78
		BPM	52.0211	Project Management	9
		BPMA	52.0211	Project Management	17
		CCL1	46.0201	Carpentry/Carpenter	53
		CCL2	46.0201	Carpentry/Carpenter	6
		CCRL	15.1001	Construction Engineering Technology/Technician	4
		CCSC	46.0000	Construction Trades, General	878
		CEL1	46.0302	Electrician	335
		CEL2	46.0302	Electrician	139
		CEL3	46.0302	Electrician	67
		CEL4	46.0302	Electrician	36
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	53
		CFOT	46.0301	Electrical and Power Transmission Installation/Installer, General	14
		CIM3	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4
		CMA1	46.0101	Mason/Masonry	17
		CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4

		CNSC	46.0000	Construction Trades, General	4
		CPL1	46.0503	Plumbing Technology/Plumber	67
		CPL2	46.0503	Plumbing Technology/Plumber	27
		CPL3	46.0503	Plumbing Technology/Plumber	12
		CPL4	46.0503	Plumbing Technology/Plumber	5
		CPMT	46.0412	Building/Construction Site Management/Manager	7
		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	23
		CRSP	49.0206	Mobil Crane Operator/Operation	4
		CSM1	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	10
		CTCO	49.0206	Mobil Crane Operator/Operation	8
		CTOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		CWL1	48.0508	Welding Technology/Welder	52
		FCAW	48.0508	Welding Technology/Welder	239
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	257
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	124
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	77
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	45
		MACE	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	20
		MAFP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	3
		MAIF	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MAMC	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	2
		MAMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MAPP	48.0508	Welding Technology/Welder	9
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	49
		MFIF	15.0699	Industrial Production Technologies/Technicians, Other	19
		MFMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	12
		MFPL	47.0303	Industrial Mechanics and Maintenance Technology/Technician	5
		MFST	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MGMW	48.0508	Welding Technology/Welder	261
		MGTW	48.0508	Welding Technology/Welder	150
		MIM1	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	8
		MIM2	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	13

		MIM3	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	3
		MIM4	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	3
		MLPC	52.0203	Logistics, Materials, and Supply Chain Management	33
		MMOM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	19
		MMSM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	14
		MMST	48.0000	Precision Production Trades, General	58
		MMTC	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTE	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTP	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	22
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	114
		MNJ1	48.0599	Precision Metal Working, Other	2
		MNL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MNM1	48.0599	Precision Metal Working, Other	3
		MNTB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		MNUT	48.0000	Precision Production Trades, General	54
		MPIF	15.1701	Energy Systems Technology/Technician	43
		MPL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		MPNE	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MROB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MSMW	48.0508	Welding Technology/Welder	450
		MTW2	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	3
		MTW3	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MWW	48.0508	Welding Technology/Welder	94
		MYL2	46.0101	Mason/Masonry	4
		ODMP	47.0605	Diesel Mechanics Technology/Technician	3
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	67
		PLWD	46.0301	Electrical and Power Transmission Installation/Installer, General	7
		PMIM	48.0000	Precision Production Trades, General	10
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	77
		TAEF	47.0604	Automobile/Automotive Mechanics Technology/Technician	15
		TAF1	46.9999	Construction Trades, Other	1
		TATB	47.0604	Automobile/Automotive Mechanics Technology/Technician	7
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	51
		TFMT	46.0401	Building/Property Maintenance	4

		TFSE	47.0606	Small Engine Mechanics and Repair Technology/Technician	7
		THTB	47.0604	Automobile/Automotive Mechanics Technology/Technician	28
		THTE	47.0604	Automobile/Automotive Mechanics Technology/Technician	27
		THTM	47.0604	Automobile/Automotive Mechanics Technology/Technician	26
		TPRC	46.0403	Building/Home/Construction Inspection/Inspector	1
		TSP2	47.0605	Diesel Mechanics Technology/Technician	16
		TTDE	47.0604	Automobile/Automotive Mechanics Technology/Technician	27
		TTEC	47.0606	Small Engine Mechanics and Repair Technology/Technician	4
		TTSS	47.0604	Automobile/Automotive Mechanics Technology/Technician	27
		TWZF	49.0207	Flagging and Traffic Control	56
	Public Safety	CISA	43.0403	Cyber/Computer Forensics and Counterterrorism	22
		IGRC	43.0303	Critical Infrastructure Protection	28
		ISCC	43.0403	Cyber/Computer Forensics and Counterterrorism	94
	Subtotal				8,993

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Blue Ridge

					Completions
					Sum
Total					404
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	21
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	2
			51.3801	Registered Nursing/Registered Nurse	14
		CERT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	4
		CSC	51.0707	Health Information/Medical Records Technology/Technician	3
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
			51.1599	Mental and Social Health Services and Allied Professions, Other	12
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	5
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1
		AS	30.0101	Biological and Physical Sciences	1
		CSC	11.0101	Computer and Information Sciences, General	8
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	9
	Education	AS	13.0101	Education, General	1
		CSC	19.0709	Child Care Provider/Assistant	12
	Skilled Trades, Manufacturing & Construction	AAS	15.0613	Manufacturing Engineering Technology/Technician	3
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	2
			47.0604	Automobile/Automotive Mechanics Technology/Technician	1
			47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	3
		AS	14.0101	Engineering, General	1
			30.0101	Biological and Physical Sciences	9
		CERT	47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	3
		CSC	15.0000	Engineering Technologies/Technicians, General	2

			15.0613	Manufacturing Engineering Technology/Technician	1
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1
			47.0604	Automobile/Automotive Mechanics Technology/Technician	3
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	1
	Subtotal				130
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	CRCS	51.1012	Sterile Processing Technology/Technician	11
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	13
		HEKT	51.0902	Electrocardiograph Technology/Technician	14
		HMAA	51.0710	Medical Office Assistant/Specialist	13
		HMAI	51.2603	Medication Aide	2
		HMCA	51.0801	Medical/Clinical Assistant	65
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	3
		HNCT	51.0801	Medical/Clinical Assistant	2
		HPCT	51.0801	Medical/Clinical Assistant	2
		HPHT	51.0805	Pharmacy Technician/Assistant	1
		HPHV	51.0805	Pharmacy Technician/Assistant	8
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	28
		HPLT	51.1009	Phlebotomy Technician/Phlebotomist	1
	Information Technology	IACP	11.0902	Cloud Computing	9
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	3
		ITAC	11.0101	Computer and Information Sciences, General	3
		ITNK	11.0901	Computer Systems Networking and Telecommunications	8
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	5
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	5
		FCAW	48.0508	Welding Technology/Welder	28
		MGMW	48.0508	Welding Technology/Welder	17
		MGTW	48.0508	Welding Technology/Welder	12
		MSMW	48.0508	Welding Technology/Welder	18
		MWW	48.0508	Welding Technology/Welder	3
	Subtotal				274

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Brightpoint

					Completions
					Sum
Total					1,188
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	11
			51.3801	Registered Nursing/Registered Nurse	26
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	4
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	2
			51.3501	Massage Therapy/Therapeutic Massage	4
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	16
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	5
		AS	11.0701	Computer Science	5
		CSC	11.0101	Computer and Information Sciences, General	3
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	11
	Education	AAS	19.0709	Child Care Provider/Assistant	4
		CERT	19.0709	Child Care Provider/Assistant	6
		CSC	19.0709	Child Care Provider/Assistant	5
	Skilled Trades, Manufacturing & Construction	AAS	15.0899	Mechanical Engineering Related Technologies/Technicians, Other	2
			46.0302	Electrician	4
		AS	14.0101	Engineering, General	3
			30.0101	Biological and Physical Sciences	3
		CERT	46.0000	Construction Trades, General	3
			48.0508	Welding Technology/Welder	2
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	14
			15.0699	Industrial Production Technologies/Technicians, Other	1
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1
			46.0000	Construction Trades, General	3
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2
			48.0508	Welding Technology/Welder	3
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	2
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	9

WCG	Subtotal				159
	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBAC	51.0713	Medical Insurance Coding Specialist/Coder	1
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	105
		HCPB	51.0713	Medical Insurance Coding Specialist/Coder	36
		HEKT	51.0902	Electrocardiograph Technology/Technician	48
		HMAI	51.2603	Medication Aide	7
		HMCA	51.0801	Medical/Clinical Assistant	118
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	78
		HPHV	51.0805	Pharmacy Technician/Assistant	9
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	63
		LETC	51.9999	Health Professions and Related Clinical Sciences, Other	7
		MPMT	51.2010	Pharmaceutical Sciences	10
	Information Technology	BTIF	11.0101	Computer and Information Sciences, General	71
		IACP	11.0902	Cloud Computing	15
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	3
		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	1
		ITAC	11.0101	Computer and Information Sciences, General	29
		ITNK	11.0901	Computer Systems Networking and Telecommunications	15
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	15
		PCAP	11.0202	Computer Programming, Specific Applications	13
	Skilled Trades, Manufacturing & Construction	ACMT	46.0401	Building/Property Maintenance	5
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	1
		ASBI	46.0403	Building/Home/Construction Inspection/Inspector	2
		AWZT	49.0207	Flagging and Traffic Control	1
		BPM	52.0211	Project Management	9
		BPMA	52.0211	Project Management	17
		CCSC	46.0000	Construction Trades, General	64
		CEL1	46.0302	Electrician	18
		CPL1	46.0503	Plumbing Technology/Plumber	1
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	31
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	43
		MLPC	52.0203	Logistics, Materials, and Supply Chain Management	33
		MMST	48.0000	Precision Production Trades, General	58
		MNUT	48.0000	Precision Production Trades, General	54
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	47

		TPRC	46.0403	Building/Home/Construction Inspection/Inspector	1
	Subtotal				1,029

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Central Virginia

					Completions
					Sum
Total					826
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
			51.0908	Respiratory Care Therapy/Therapist	7
			51.1004	Clinical/Medical Laboratory Technician	4
		CSC	51.0707	Health Information/Medical Records Technology/Technician	5
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	7
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2
		CSC	11.0101	Computer and Information Sciences, General	9
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	3
	Education	AAS	19.0709	Child Care Provider/Assistant	2
		CERT	19.0709	Child Care Provider/Assistant	4
		CSC	19.0709	Child Care Provider/Assistant	5
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	2
			15.0613	Manufacturing Engineering Technology/Technician	2
		AS	14.0101	Engineering, General	1
		CERT	48.0508	Welding Technology/Welder	3
			48.0599	Precision Metal Working, Other	11
		CSC	15.0613	Manufacturing Engineering Technology/Technician	3
			46.0302	Electrician	2
			48.0508	Welding Technology/Welder	12
			48.0599	Precision Metal Working, Other	20
		DIPL	48.0599	Precision Metal Working, Other	16
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	2
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	6
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	1
		CERT	12.0500	Cooking and Related Culinary Arts, General	3
	Subtotal				138
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	34
		HEM0	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	11

		HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	16
		HMCA	51.0801	Medical/Clinical Assistant	45
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	19
		HPLT	51.1009	Phlebotomy Technician/Phlebotomist	4
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	7
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	8
		BACP	52.1001	Human Resources Management/Personnel Administration, General	12
		CCSC	46.0000	Construction Trades, General	158
		CEL1	46.0302	Electrician	90
		CEL2	46.0302	Electrician	50
		CEL3	46.0302	Electrician	32
		CEL4	46.0302	Electrician	20
		CPL1	46.0503	Plumbing Technology/Plumber	19
		CPL2	46.0503	Plumbing Technology/Plumber	12
		CPL3	46.0503	Plumbing Technology/Plumber	4
		CPL4	46.0503	Plumbing Technology/Plumber	4
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	55
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	34
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	32
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	22
	Subtotal				688

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Danville

					Completions
					Sum
Total					239
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	2
		CSC	51.0601	Dental Assisting/Assistant	1
			51.0707	Health Information/Medical Records Technology/Technician	2
			51.0799	Health and Medical Administrative Services, Other	2
			51.1004	Clinical/Medical Laboratory Technician	5
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	5
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	11
	Education	AAS	19.0709	Child Care Provider/Assistant	16
		CSC	19.0709	Child Care Provider/Assistant	24
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	9
			52.0499	Business Operations Support and Secretarial Services, Other	4
		CERT	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	4
			15.0699	Industrial Production Technologies/Technicians, Other	1
			46.0302	Electrician	5
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	4
			48.0508	Welding Technology/Welder	2
			15.0699	Industrial Production Technologies/Technicians, Other	4
			47.0105	Industrial Electronics Technology/Technician	21
		CSC	47.0604	Automobile/Automotive Mechanics Technology/Technician	4
			48.0508	Welding Technology/Welder	6
			48.0599	Precision Metal Working, Other	8
			52.0499	Business Operations Support and Secretarial Services, Other	6
			47.0105	Industrial Electronics Technology/Technician	4
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6
			47.0604	Automobile/Automotive Mechanics Technology/Technician	3
			48.0508	Welding Technology/Welder	3
			48.0599	Precision Metal Working, Other	5
		DIPL	43.0103	Criminal Justice/Law Enforcement Administration	3
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	3

WCG		CERT	43.0103	Criminal Justice/Law Enforcement Administration	3
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	3
	Subtotal				177
	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9
		HEM0	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	9
		HEM2	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	15
		HMAI	51.2603	Medication Aide	3
		HMCA	51.0801	Medical/Clinical Assistant	8
	Skilled Trades, Manufacturing & Construction	CCSC	46.0000	Construction Trades, General	1
		CEL1	46.0302	Electrician	1
		MIM1	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	8
		MIM2	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	8
	Subtotal				62

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Eastern Shore

					Completions		
					Sum		
Total					436		
	Program Area	Degree/Cred Code	CIP	CIP Description			
Credit	Health Care	CERT	51.0801	Medical/Clinical Assistant	2		
			51.3901	Licensed Practical/Vocational Nurse Training	8		
		CSC	51.0707	Health Information/Medical Records Technology/Technician	2		
			51.0799	Health and Medical Administrative Services, Other	4		
	Information Technology	CSC	11.0101	Computer and Information Sciences, General	1		
	Education	AAS	19.0709	Child Care Provider/Assistant	1		
		CSC	19.0709	Child Care Provider/Assistant	9		
	Skilled Trades, Manufacturing & Construction	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1		
			15.0612	Industrial Technology/Technician	1		
		CERT	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	4		
			48.0508	Welding Technology/Welder	2		
			CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8	
		15.0699		Industrial Production Technologies/Technicians, Other	1		
		47.0105		Industrial Electronics Technology/Technician	5		
		47.0201		Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5		
		48.0508		Welding Technology/Welder	6		
		Subtotal				60	
		WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
			Health Care	HAMS	51.0708	Medical Transcription/Transcriptionist	1
	HCNA			51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	18	
HEKT	51.0902			Electrocardiograph Technology/Technician	18		
HPT4	51.1009			Phlebotomy Technician/Phlebotomist	23		
Information Technology	BTIF		11.0101	Computer and Information Sciences, General	9		
	CISM		11.0501	Computer Systems Analysis/Analyst	12		
	ICCE		11.0902	Cloud Computing	58		
	ICIP		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	49		
	ITAC		11.0101	Computer and Information Sciences, General	10		
	ITNK		11.0901	Computer Systems Networking and Telecommunications	6		

	Skilled Trades, Manufacturing & Construction	CCSC	46.0000	Construction Trades, General	15
		CEL1	46.0302	Electrician	4
		CWL1	48.0508	Welding Technology/Welder	9
	Public Safety	CISA	43.0403	Cyber/Computer Forensics and Counterterrorism	22
		IGRC	43.0303	Critical Infrastructure Protection	28
		ISCC	43.0403	Cyber/Computer Forensics and Counterterrorism	94
	Subtotal				376

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Germann

					Completions
					Sum
Total					668
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0806	Physical Therapy Assistant	7
			51.3801	Registered Nursing/Registered Nurse	32
		CERT	51.0601	Dental Assisting/Assistant	2
			51.3901	Licensed Practical/Vocational Nurse Training	5
		CSC	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	27
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	6
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	24
		CSC	11.0101	Computer and Information Sciences, General	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7
	Education	AAS	19.0709	Child Care Provider/Assistant	5
		CERT	19.0709	Child Care Provider/Assistant	1
		CSC	19.0709	Child Care Provider/Assistant	2
	Skilled Trades, Manufacturing & Construction	CSC	47.0604	Automobile/Automotive Mechanics Technology/Technician	3
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	5
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	1
	Subtotal				129
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	26
		HEKT	51.0902	Electrocardiograph Technology/Technician	5
		HMCA	51.0801	Medical/Clinical Assistant	13
		HPT4	51.1009	Phlebotomy Technician/Phlebotomist	43
	Information Technology	BTIF	11.0101	Computer and Information Sciences, General	24
		ITAC	11.0101	Computer and Information Sciences, General	18
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	7
		CCL1	46.0201	Carpentry/Carpenter	4
		CCSC	46.0000	Construction Trades, General	149
		CEL1	46.0302	Electrician	62
		CEL2	46.0302	Electrician	32
		CEL3	46.0302	Electrician	17
		CEL4	46.0302	Electrician	9

		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	10
		CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		CPL1	46.0503	Plumbing Technology/Plumber	10
		CPL2	46.0503	Plumbing Technology/Plumber	8
		CPL3	46.0503	Plumbing Technology/Plumber	2
		CPL4	46.0503	Plumbing Technology/Plumber	1
		CWL1	48.0508	Welding Technology/Welder	22
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	37
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	18
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5
		MNJ1	48.0599	Precision Metal Working, Other	1
		MNL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MNM1	48.0599	Precision Metal Working, Other	2
		MNTB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		MPL1	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
		TAF1	46.9999	Construction Trades, Other	1
	Subtotal				539

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=J. Sargeant Reynolds

					Completions	
					Sum	
Total					279	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5	
			51.0908	Respiratory Care Therapy/Therapist	8	
			51.1004	Clinical/Medical Laboratory Technician	7	
			51.1599	Mental and Social Health Services and Allied Professions, Other	5	
			51.1801	Opticianry/Ophthalmic Dispensing Optician	2	
			51.3801	Registered Nursing/Registered Nurse	13	
			CERT	51.0601	Dental Assisting/Assistant	9
			CSC	51.0707	Health Information/Medical Records Technology/Technician	9
				51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
		51.0999		Allied Health Diagnostic, Intervention, and Treatment Professions, Other	61	
		51.1599		Mental and Social Health Services and Allied Professions, Other	36	
		51.1801		Opticianry/Ophthalmic Dispensing Optician	1	
		Information Technology	AAS	11.0101	Computer and Information Sciences, General	15
				AS	11.0701	Computer Science	1
			CSC	11.0101	Computer and Information Sciences, General	7
				15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	12
				Education	AAS	19.0709	Child Care Provider/Assistant	9
		AS	13.0101	Education, General	3	
	CERT	19.0709	Child Care Provider/Assistant	15		
	CSC	19.0709	Child Care Provider/Assistant	36		
	Skilled Trades, Manufacturing & Construction	AAS	47.0604	Automobile/Automotive Mechanics Technology/Technician	6	
			AS	30.0101	Biological and Physical Sciences	1
		CERT	47.0605	Diesel Mechanics Technology/Technician	1	
			CSC	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2
		48.0508	Welding Technology/Welder	1		
		Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	2
				CSC	43.0103	Criminal Justice/Law Enforcement Administration
	43.0203		Fire Science/Fire-fighting	2		
	Hospitality & Culinary Arts	CSC	12.0500	Cooking and Related Culinary Arts, General	4	
	Subtotal					279

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Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Laurel Ridge

					Completions
					Sum
Total					742
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0707	Health Information/Medical Records Technology/Technician	7
			51.0909	Surgical Technology/Technologist	1
			51.3801	Registered Nursing/Registered Nurse	12
		AS	30.0101	Biological and Physical Sciences	3
			51.0799	Health and Medical Administrative Services, Other	3
		CSC	51.3901	Licensed Practical/Vocational Nurse Training	3
			51.0799	Health and Medical Administrative Services, Other	2
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.3901	Licensed Practical/Vocational Nurse Training	1
					1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	1
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	2
		AS	30.0101	Biological and Physical Sciences	3
		CSC	11.0101	Computer and Information Sciences, General	2
			11.0701	Computer Science	2
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8
	Education	AAS	19.0709	Child Care Provider/Assistant	4
		AS	13.0101	Education, General	1
		CSC	19.0709	Child Care Provider/Assistant	1
	Skilled Trades, Manufacturing & Construction	AS	14.0101	Engineering, General	5
			30.0101	Biological and Physical Sciences	6
		CSC	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1
	Public Safety	AS	30.0101	Biological and Physical Sciences	1
	Subtotal				70
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HMAA	51.0710	Medical Office Assistant/Specialist	9
		HMAI	51.2603	Medication Aide	1
		HMCA	51.0801	Medical/Clinical Assistant	43
		HPHT	51.0805	Pharmacy Technician/Assistant	1
		HPHV	51.0805	Pharmacy Technician/Assistant	5
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	46
	Information Technology	BTIF	11.0101	Computer and Information Sciences, General	51
		ICCA	11.0101	Computer and Information Sciences, General	13
		ICCC	11.0902	Cloud Computing	8
		ICCE	11.0902	Cloud Computing	9

		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	4
		ICTP	11.1005	Information Technology Project Management	11
		ITAC	11.0101	Computer and Information Sciences, General	43
		ITNK	11.0901	Computer Systems Networking and Telecommunications	22
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	19
		IV3F	11.0101	Computer and Information Sciences, General	6
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	21
		BACP	52.1001	Human Resources Management/Personnel Administration, General	12
		CEL1	46.0302	Electrician	56
		CEL2	46.0302	Electrician	33
		CEL3	46.0302	Electrician	16
		CEL4	46.0302	Electrician	5
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	11
		CPL1	46.0503	Plumbing Technology/Plumber	11
		CPL2	46.0503	Plumbing Technology/Plumber	7
		CPL3	46.0503	Plumbing Technology/Plumber	6
		CPMT	46.0412	Building/Construction Site Management/Manager	7
		FCAW	48.0508	Welding Technology/Welder	5
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	51
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	28
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	20
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3
		MACE	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	15
		MAFP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	3
		MAMC	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	2
		MAMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MFMS	47.0303	Industrial Mechanics and Maintenance Technology/Technician	12
		MFPL	47.0303	Industrial Mechanics and Maintenance Technology/Technician	5
		MFST	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MPNE	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6

		MROB	47.0303	Industrial Mechanics and Maintenance Technology/Technician	6
		MSMW	48.0508	Welding Technology/Welder	38
	Subtotal				672

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Mountain Empire

					Completions
					Sum
Total					417
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0707	Health Information/Medical Records Technology/Technician	2
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.0908	Respiratory Care Therapy/Therapist	9
			51.3801	Registered Nursing/Registered Nurse	5
		CERT	51.0601	Dental Assisting/Assistant	4
			51.0799	Health and Medical Administrative Services, Other	4
			51.3901	Licensed Practical/Vocational Nurse Training	10
		CSC	51.0707	Health Information/Medical Records Technology/Technician	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	27
			51.1004	Clinical/Medical Laboratory Technician	7
			51.3901	Licensed Practical/Vocational Nurse Training	8
	Information Technology	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2
		CSC	11.0101	Computer and Information Sciences, General	14
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
	Skilled Trades, Manufacturing & Construction	AAS	15.0599	Environmental Control Technologies/Technicians, Other	14
			15.0612	Industrial Technology/Technician	2
			15.0699	Industrial Production Technologies/Technicians, Other	1
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3
			52.0499	Business Operations Support and Secretarial Services, Other	1
		CERT	15.0699	Industrial Production Technologies/Technicians, Other	1
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9
			48.0508	Welding Technology/Welder	2
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	14
			15.0599	Environmental Control Technologies/Technicians, Other	23
			15.0613	Manufacturing Engineering Technology/Technician	1
			15.0901	Mining Technology/Technician	1

			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	4
			46.0302	Electrician	13
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	16
			47.0703	Solar Energy System Installation and Repair Technology/Technician	11
			48.0508	Welding Technology/Welder	34
	Public Safety	AAS	43.0102	Corrections	3
			43.0103	Criminal Justice/Law Enforcement Administration	2
		CSC	43.0102	Corrections	1
	Subtotal				256
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	15
		CCL1	46.0201	Carpentry/Carpenter	14
		CCSC	46.0000	Construction Trades, General	39
		CEL1	46.0302	Electrician	15
		CMA1	46.0101	Mason/Masonry	13
		CPL1	46.0503	Plumbing Technology/Plumber	1
		CWL1	48.0508	Welding Technology/Welder	21
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	42
	Subtotal				161

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Mountain Gateway

					Completions
					Sum
Total					219
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	6
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	7
			51.3901	Licensed Practical/Vocational Nurse Training	6
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	4
			11.0103	Information Technology	4
		CSC	11.0101	Computer and Information Sciences, General	1
			11.0901	Computer Systems Networking and Telecommunications	5
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	10
					2
	Education	AS	13.0101	Education, General	2
	Subtotal				45
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9
		HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	8
		HMCA	51.0801	Medical/Clinical Assistant	8
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	18
	Skilled Trades, Manufacturing & Construction	CCL1	46.0201	Carpentry/Carpenter	5
		CCSC	46.0000	Construction Trades, General	47
		CEL1	46.0302	Electrician	8
		CEL2	46.0302	Electrician	6
		CEL3	46.0302	Electrician	2
		CEL4	46.0302	Electrician	2
		CPL1	46.0503	Plumbing Technology/Plumber	4
		FCAW	48.0508	Welding Technology/Welder	2
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	19
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	18
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6
		MGMW	48.0508	Welding Technology/Welder	2
		MGTW	48.0508	Welding Technology/Welder	1
		MSMW	48.0508	Welding Technology/Welder	4
	Subtotal				174

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=New River

					Completions
					Sum
Total					323
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.1599	Mental and Social Health Services and Allied Professions, Other	4
			51.3801	Registered Nursing/Registered Nurse	18
		CERT	51.1599	Mental and Social Health Services and Allied Professions, Other	3
			51.3901	Licensed Practical/Vocational Nurse Training	4
		CSC	51.0707	Health Information/Medical Records Technology/Technician	8
			51.0799	Health and Medical Administrative Services, Other	5
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	10
			51.1599	Mental and Social Health Services and Allied Professions, Other	3
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	5
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1
	Education	AS	13.0101	Education, General	1
		CERT	19.0709	Child Care Provider/Assistant	1
		CSC	19.0709	Child Care Provider/Assistant	5
	Skilled Trades, Manufacturing & Construction	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	9
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	4
			47.0105	Industrial Electronics Technology/Technician	10
			48.0599	Precision Metal Working, Other	1
			52.0499	Business Operations Support and Secretarial Services, Other	6
		AS	14.0101	Engineering, General	1
			30.0101	Biological and Physical Sciences	3
		CERT	48.0508	Welding Technology/Welder	15
		CSC	15.0000	Engineering Technologies/Technicians, General	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	26
			15.0599	Environmental Control Technologies/Technicians, Other	2
			15.0613	Manufacturing Engineering Technology/Technician	9
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1
			46.0302	Electrician	13

			47.0105	Industrial Electronics Technology/Technician	1
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1
			47.0604	Automobile/Automotive Mechanics Technology/Technician	5
			48.0508	Welding Technology/Welder	26
			48.0599	Precision Metal Working, Other	4
			52.0499	Business Operations Support and Secretarial Services, Other	1
		DIPL	47.0604	Automobile/Automotive Mechanics Technology/Technician	3
	Public Safety	CSC	43.0103	Criminal Justice/Law Enforcement Administration	1
	Subtotal				212
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9
		HEKT	51.0902	Electrocardiograph Technology/Technician	10
		HMCA	51.0801	Medical/Clinical Assistant	36
		HPHV	51.0805	Pharmacy Technician/Assistant	3
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	17
	Skilled Trades, Manufacturing & Construction	ACMT	46.0401	Building/Property Maintenance	1
		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	6
		BACP	52.1001	Human Resources Management/Personnel Administration, General	9
		CCSC	46.0000	Construction Trades, General	6
		FCAW	48.0508	Welding Technology/Welder	4
		MGMW	48.0508	Welding Technology/Welder	3
		MSMW	48.0508	Welding Technology/Welder	4
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	3
	Subtotal				111

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Northern Virginia

					Completions
					Sum
Total					1,559
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	
					5
			51.0602	Dental Hygiene/Hygienist	8
			51.0707	Health Information/Medical Records Technology/Technician	1
			51.0806	Physical Therapy Assistant	14
			51.0908	Respiratory Care Therapy/Therapist	4
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	11
			51.0911	Radiologic Technology/Science - Radiographer	6
			51.1004	Clinical/Medical Laboratory Technician	5
			51.3801	Registered Nursing/Registered Nurse	16
		CERT	51.0601	Dental Assisting/Assistant	1
			51.1501	Substance Abuse/Addiction Counseling	1
		CSC	51.1004	Clinical/Medical Laboratory Technician	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	34
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	205
		AS	11.0103	Information Technology	107
			11.0701	Computer Science	62
		CSC	11.0101	Computer and Information Sciences, General	26
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	3
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	52
	Education	AAS	19.0709	Child Care Provider/Assistant	9
		AS	13.0101	Education, General	13
		CERT	19.0709	Child Care Provider/Assistant	6
		CSC	13.0101	Education, General	3
			19.0709	Child Care Provider/Assistant	9
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	1
			46.0000	Construction Trades, General	4
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	8
			47.0604	Automobile/Automotive Mechanics Technology/Technician	6
		AS	14.0101	Engineering, General	32
		CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5
		CSC	15.0000	Engineering Technologies/Technicians, General	1

			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1
			46.0000	Construction Trades, General	7
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3
			47.0604	Automobile/Automotive Mechanics Technology/Technician	14
			47.0605	Diesel Mechanics Technology/Technician	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	2
		AS	43.0104	Criminal Justice/Safety Studies	23
		CERT	43.0103	Criminal Justice/Law Enforcement Administration	1
	Subtotal				711
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description
	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	44
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	61
		HMAI	51.2603	Medication Aide	13
		HMCA	51.0801	Medical/Clinical Assistant	167
		HPHT	51.0805	Pharmacy Technician/Assistant	1
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	30
	Information Technology	BHCA	11.1001	Network and System Administration/Administrator	8
		BTIF	11.0101	Computer and Information Sciences, General	80
		IACP	11.0902	Cloud Computing	53
		IASA	11.9999	Computer and Information Sciences and Support Services, Other	20
		ICCC	11.0902	Cloud Computing	9
		ICDC	11.0101	Computer and Information Sciences, General	31
		ICEH	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	20
		ICLC	11.9999	Computer and Information Sciences and Support Services, Other	11
		ISAI	11.0102	Artificial Intelligence	3
		ISPC	11.0202	Computer Programming, Specific Applications	24
		ITAC	11.0101	Computer and Information Sciences, General	71
		ITNK	11.0901	Computer Systems Networking and Telecommunications	65
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	61
	Skilled Trades, Manufacturing & Construction	AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	22
		BACP	52.1001	Human Resources Management/Personnel Administration, General	35
		CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	19
	Subtotal				848

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Patrick & Henry

					Completions
					Sum
Total					448
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0806	Physical Therapy Assistant	9
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
			51.3801	Registered Nursing/Registered Nurse	2
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	4
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
	Information Technology	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1
	Education	AAS	19.0709	Child Care Provider/Assistant	5
		CERT	19.0709	Child Care Provider/Assistant	4
		CSC	19.0709	Child Care Provider/Assistant	4
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	5
			15.0612	Industrial Technology/Technician	5
			47.0105	Industrial Electronics Technology/Technician	4
			52.0499	Business Operations Support and Secretarial Services, Other	1
		AS	30.0101	Biological and Physical Sciences	1
		CERT	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3
			48.0508	Welding Technology/Welder	4
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
			15.0699	Industrial Production Technologies/Technicians, Other	1
			47.0604	Automobile/Automotive Mechanics Technology/Technician	6
			48.0508	Welding Technology/Welder	17
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	5
	Subtotal				91
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	25
		HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	7
		HMCA	51.0801	Medical/Clinical Assistant	85
		HMCP	51.0713	Medical Insurance Coding Specialist/Coder	1
		HPHV	51.0805	Pharmacy Technician/Assistant	2
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	53
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	13
		CCL1	46.0201	Carpentry/Carpenter	5

		CCSC	46.0000	Construction Trades, General	80
		CPL1	46.0503	Plumbing Technology/Plumber	19
		CSM1	15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	10
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	18
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	10
		MACE	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5
		MFIF	15.0699	Industrial Production Technologies/Technicians, Other	10
		MPIF	15.1701	Energy Systems Technology/Technician	8
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	6
		Subtotal			357

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Paul D. Camp

					Completions
					Sum
Total					184
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	7
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	2
	Education	CSC	19.0707	Family and Community Services	2
			19.0709	Child Care Provider/Assistant	1
	Subtotal				12
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HEKT	51.0902	Electrocardiograph Technology/Technician	20
		HMCA	51.0801	Medical/Clinical Assistant	10
		HPCT	51.0801	Medical/Clinical Assistant	8
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	22
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	2
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
		CCSC	46.0000	Construction Trades, General	24
		CRSP	49.0206	Mobil Crane Operator/Operation	4
		CTCO	49.0206	Mobil Crane Operator/Operation	8
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2
		MCLA	52.0203	Logistics, Materials, and Supply Chain Management	3
		MIM2	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	5
		MIM3	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	3
		MIM4	47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	3
		MMOM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	19
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	10
		MTW2	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	2
		MWW	48.0508	Welding Technology/Welder	22
		TCLT	52.0203	Logistics, Materials, and Supply Chain Management	3
	Subtotal				172

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Piedmont Virginia

					Completions
					Sum
Total					513
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	4
			51.0909	Surgical Technology/Technologist	1
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	4
			51.0911	Radiologic Technology/Science - Radiographer	1
			51.3801	Registered Nursing/Registered Nurse	17
		CERT	51.0799	Health and Medical Administrative Services, Other	1
			51.3901	Licensed Practical/Vocational Nurse Training	6
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	4
			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	3
	Education	AS	13.0101	Education, General	1
		CSC	19.0709	Child Care Provider/Assistant	2
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	1
		AS	14.0101	Engineering, General	2
	Subtotal				50
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9
		HMAI	51.2603	Medication Aide	9
		HMCA	51.0801	Medical/Clinical Assistant	54
		HPCT	51.0801	Medical/Clinical Assistant	29
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	33
		HSPT	51.1012	Sterile Processing Technology/Technician	1
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	7
		ITNK	11.0901	Computer Systems Networking and Telecommunications	5
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	8
	Skilled Trades, Manufacturing & Construction	ACL1	46.0000	Construction Trades, General	1
		AESC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	15

	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	4
	AHE2	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
	AHE3	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2
	AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	33
	CCSC	46.0000	Construction Trades, General	110
	CEL1	46.0302	Electrician	40
	CEL2	46.0302	Electrician	7
	CFOI	46.0301	Electrical and Power Transmission Installation/Installer, General	13
	CNSC	46.0000	Construction Trades, General	4
	CPL1	46.0503	Plumbing Technology/Plumber	1
	CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	1
	MGMW	48.0508	Welding Technology/Welder	19
	MSMW	48.0508	Welding Technology/Welder	10
	MWW	48.0508	Welding Technology/Welder	32
	SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	3
	TFSE	47.0606	Small Engine Mechanics and Repair Technology/Technician	7
	TTEC	47.0606	Small Engine Mechanics and Repair Technology/Technician	4
	Subtotal			463

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Rappahannock

					Completions
					Sum
Total					279
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	
					2
		CERT	51.3801	Registered Nursing/Registered Nurse	8
			51.3901	Licensed Practical/Vocational Nurse Training	
		CSC			4
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	
					1
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	
					3
			51.3801	Registered Nursing/Registered Nurse	7
			51.3901	Licensed Practical/Vocational Nurse Training	
					2
	Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	
					1
		CSC	46.0302	Electrician	1
			47.0105	Industrial Electronics Technology/Technician	
					1
	Public Safety	CSC	43.0103	Criminal Justice/Law Enforcement Administration	
					2
	Subtotal				32
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	
					16
		HEMT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	
					16
		HMAI	51.2603	Medication Aide	10
		HMCA	51.0801	Medical/Clinical Assistant	16
	Skilled Trades, Manufacturing & Construction	HPHV	51.0805	Pharmacy Technician/Assistant	1
		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	
					19
		FCAW	48.0508	Welding Technology/Welder	26
		MAPP	48.0508	Welding Technology/Welder	9
		MGMW	48.0508	Welding Technology/Welder	34
		MGTW	48.0508	Welding Technology/Welder	20
		MSMW	48.0508	Welding Technology/Welder	43
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	
					37
	Subtotal				247

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Southside Virginia

					Completions
					Sum
Total					268
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.1599	Mental and Social Health Services and Allied Professions, Other	8
			51.3801	Registered Nursing/Registered Nurse	4
		CERT	51.1599	Mental and Social Health Services and Allied Professions, Other	1
			51.3901	Licensed Practical/Vocational Nurse Training	2
		CSC	51.0799	Health and Medical Administrative Services, Other	1
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	1
			51.1599	Mental and Social Health Services and Allied Professions, Other	4
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	1
			11.0901	Computer Systems Networking and Telecommunications	1
		CERT	11.0101	Computer and Information Sciences, General	1
	Skilled Trades, Manufacturing & Construction	AAS	52.0499	Business Operations Support and Secretarial Services, Other	1
		CSC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1
	Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	5
	Subtotal				32
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	35
		HPTE	51.1009	Phlebotomy Technician/Phlebotomist	40
	Skilled Trades, Manufacturing & Construction	HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	8
		HVC2	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9
		HVC3	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	14
		HVC4	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9
		MGMW	48.0508	Welding Technology/Welder	1
		MPIF	15.1701	Energy Systems Technology/Technician	12
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	12

		THTB	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		THTE	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		THTM	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		TSP2	47.0605	Diesel Mechanics Technology/Technician	16
		TTDE	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		TTSS	47.0604	Automobile/Automotive Mechanics Technology/Technician	16
		Subtotal			236

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Southwest Virginia

					Completions
					Sum
Total					570
Credit	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	AAS	51.0803	Occupational Therapist Assistant	8
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0911	Radiologic Technology/Science - Radiographer	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	5
			51.3801	Registered Nursing/Registered Nurse	7
		AS	30.0101	Biological and Physical Sciences	3
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	8
			51.3901	Licensed Practical/Vocational Nurse Training	8
			51.0707	Health Information/Medical Records Technology/Technician	9
		CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	5
			51.1004	Clinical/Medical Laboratory Technician	3
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	8
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	9
	Education	AAS	19.0709	Child Care Provider/Assistant	4
		AS	13.0101	Education, General	5
		CSC	19.0709	Child Care Provider/Assistant	19
	Skilled Trades, Manufacturing & Construction	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	1
		AAS	15.0612	Industrial Technology/Technician	2
		AS	14.0101	Engineering, General	2
		CSC	14.0101	Engineering, General	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1
			15.0699	Industrial Production Technologies/Technicians, Other	11
			47.0604	Automobile/Automotive Mechanics Technology/Technician	3
			48.0508	Welding Technology/Welder	10
			48.0599	Precision Metal Working, Other	4
	Public Safety	DIPL	48.0508	Welding Technology/Welder	1
		AAS	43.0103	Criminal Justice/Law Enforcement Administration	4
		CERT	43.0103	Criminal Justice/Law Enforcement Administration	
	Subtotal				149

WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	52
		HMAI	51.2603	Medication Aide	6
		HPL2	51.1009	Phlebotomy Technician/Phlebotomist	13
	Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	34
		CCL1	46.0201	Carpentry/Carpenter	3
		CCL2	46.0201	Carpentry/Carpenter	3
		CCRL	15.1001	Construction Engineering Technology/Technician	4
		CCSC	46.0000	Construction Trades, General	44
		CFOT	46.0301	Electrical and Power Transmission Installation/Installer, General	14
		CMA1	46.0101	Mason/Masonry	4
		CPL1	46.0503	Plumbing Technology/Plumber	1
		FCAW	48.0508	Welding Technology/Welder	25
		MGMW	48.0508	Welding Technology/Welder	11
		MGTW	48.0508	Welding Technology/Welder	6
		MSMW	48.0508	Welding Technology/Welder	52
		MYL2	46.0101	Mason/Masonry	4
		SITC	47.0703	Solar Energy System Installation and Repair Technology/Technician	34
		THTB	47.0604	Automobile/Automotive Mechanics Technology/Technician	12
		THTE	47.0604	Automobile/Automotive Mechanics Technology/Technician	11
		THTM	47.0604	Automobile/Automotive Mechanics Technology/Technician	10
		TTDE	47.0604	Automobile/Automotive Mechanics Technology/Technician	11
		TTSS	47.0604	Automobile/Automotive Mechanics Technology/Technician	11
		TWZF	49.0207	Flagging and Traffic Control	56
	Subtotal				421

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Tidewater

					Completions
					Sum
Total					1,279
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	5
			51.0707	Health Information/Medical Records Technology/Technician	5
			51.0803	Occupational Therapist Assistant	8
			51.0806	Physical Therapy Assistant	4
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2
			51.0908	Respiratory Care Therapy/Therapist	8
			51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	3
			51.0911	Radiologic Technology/Science - Radiographer	4
			51.1004	Clinical/Medical Laboratory Technician	2
			51.1599	Mental and Social Health Services and Allied Professions, Other	5
			51.3801	Registered Nursing/Registered Nurse	7
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	5
			51.3901	Licensed Practical/Vocational Nurse Training	4
		CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	2
			51.0799	Health and Medical Administrative Services, Other	2
			51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	5
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	5
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	2
			11.1003	Computer and Information Systems Security/Auditing/Information Assurance	33
		AS	11.0701	Computer Science	13
		CERT	11.0101	Computer and Information Sciences, General	2
		CSC	11.0101	Computer and Information Sciences, General	2
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	1
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	3
	Education	AAS	19.0709	Child Care Provider/Assistant	6
		CERT	19.0709	Child Care Provider/Assistant	3
		CSC	13.1501	Teacher Assistant/Aide	21
			19.0709	Child Care Provider/Assistant	15

Skilled Trades, Manufacturing & Construction	AAS	15.0000	Engineering Technologies/Technicians, General	1		
		15.0201	Civil Engineering Technologies/Technicians	1		
		15.0613	Manufacturing Engineering Technology/Technician	1		
		15.0699	Industrial Production Technologies/Technicians, Other	1		
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	5		
		46.0302	Electrician	2		
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2		
		47.0604	Automobile/Automotive Mechanics Technology/Technician	5		
		AS	14.0101	Engineering, General	9	
			30.0101	Biological and Physical Sciences	16	
		CERT	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2	
			48.0508	Welding Technology/Welder	1	
		CSC	15.0613	Manufacturing Engineering Technology/Technician	3	
			15.0899	Mechanical Engineering Related Technologies/Technicians, Other	8	
			46.0000	Construction Trades, General	1	
			46.0302	Electrician	4	
			47.0603	Autobody/Collision and Repair Technology/Technician	1	
			47.0604	Automobile/Automotive Mechanics Technology/Technician	57	
			48.0508	Welding Technology/Welder	3	
			Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	14
		43.0203			Fire Science/Fire-fighting	2
		CSC		43.0103	Criminal Justice/Law Enforcement Administration	12
				43.0203	Fire Science/Fire-fighting	3
				43.0406	Forensic Science and Technology	1
		Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	4
			CSC	12.0500	Cooking and Related Culinary Arts, General	9
				52.0901	Hospitality Administration/Management, General	9
		Subtotal				354
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
		Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	83
			HEKT	51.0902	Electrocardiograph Technology/Technician	28
			HMAA	51.0710	Medical Office Assistant/Specialist	40
			HMCA	51.0801	Medical/Clinical Assistant	52
			HMCP	51.0713	Medical Insurance Coding Specialist/Coder	48
			HPL2	51.1009	Phlebotomy Technician/Phlebotomist	71

	Information Technology	HPMA	51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	13
		ITAC	11.0101	Computer and Information Sciences, General	26
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	4
	Skilled Trades, Manufacturing & Construction	CCL1	46.0201	Carpentry/Carpenter	11
		CCSC	46.0000	Construction Trades, General	98
		CEL1	46.0302	Electrician	29
		FCAW	48.0508	Welding Technology/Welder	45
		HVC1	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	27
		MGMW	48.0508	Welding Technology/Welder	78
		MGTW	48.0508	Welding Technology/Welder	31
		MMSM	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	14
		MMTC	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
		MMTP	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	22
		MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	54
		MSMW	48.0508	Welding Technology/Welder	140
		MTW2	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	1
		MTW3	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	2
	Subtotal				925

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Virginia Highlands

					Completions	
					Sum	
Total					199	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	
			51.0911	Radiologic Technology/Science - Radiographer	5	
			51.1599	Mental and Social Health Services and Allied Professions, Other	4	
			51.3801	Registered Nursing/Registered Nurse	15	
		CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	3	
			51.3901	Licensed Practical/Vocational Nurse Training	2	
		CSC	51.0707	Health Information/Medical Records Technology/Technician	7	
			51.0801	Medical/Clinical Assistant	8	
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	2	
		CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	6	
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	1	
			46.0302	Electrician	3	
			48.0599	Precision Metal Working, Other	3	
		AS	14.0101	Engineering, General	1	
			30.0101	Biological and Physical Sciences	2	
		CERT	46.0302	Electrician	1	
		CSC	15.0699	Industrial Production Technologies/Technicians, Other	2	
			46.0302	Electrician	6	
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3	
			47.0605	Diesel Mechanics Technology/Technician	13	
			48.0508	Welding Technology/Welder	18	
		Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	6
	Subtotal					113
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
		Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	8
HCNA			51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	24	
HPL2			51.1009	Phlebotomy Technician/Phlebotomist	44	
Skilled Trades, Manufacturing & Construction		AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation		

		AHEC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3
		CPVA	47.0703	Solar Energy System Installation and Repair Technology/Technician	3
	Subtotal				86

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Virginia Peninsula

					Completions	
					Sum	
Total					970	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.1599	Mental and Social Health Services and Allied Professions, Other	5	
			51.3801	Registered Nursing/Registered Nurse	5	
		CSC	51.1599	Mental and Social Health Services and Allied Professions, Other	4	
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	7	
		AS	11.0103	Information Technology	5	
			11.0701	Computer Science	3	
			CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5
		Education	AAS	19.0709	Child Care Provider/Assistant	3
			CERT	19.0709	Child Care Provider/Assistant	2
	CSC		19.0709	Child Care Provider/Assistant	3	
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	1	
			AS	14.0101	Engineering, General	2
				30.0101	Biological and Physical Sciences	8
		CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	
			CSC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3
		Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	3
	CSC		43.0103	Criminal Justice/Law Enforcement Administration	6	
	Subtotal					67
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
		Health Care	HBCH	51.0713	Medical Insurance Coding Specialist/Coder	8
			HCNA	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	41
				HEKT	51.0902	Electrocardiograph Technology/Technician	47
			HMAA	51.0710	Medical Office Assistant/Specialist	54
HMCA			51.0801	Medical/Clinical Assistant	67	
HPHV			51.0805	Pharmacy Technician/Assistant	2	
HPL2			51.1009	Phlebotomy Technician/Phlebotomist	65	
Information Technology			ITAC	11.0101	Computer and Information Sciences, General	39
		ITNK	11.0901	Computer Systems Networking and Telecommunications	16	
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	10	

Skilled Trades, Manufacturing & Construction	BACP	52.1001	Human Resources Management/Personnel Administration, General	10
	CCL1	46.0201	Carpentry/Carpenter	11
	CCL2	46.0201	Carpentry/Carpenter	3
	CCSC	46.0000	Construction Trades, General	22
	CEL1	46.0302	Electrician	12
	CEL2	46.0302	Electrician	11
	CMOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	2
	FCAW	48.0508	Welding Technology/Welder	100
	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	7
	MCLA	52.0203	Logistics, Materials, and Supply Chain Management	3
	MGMW	48.0508	Welding Technology/Welder	64
	MGTW	48.0508	Welding Technology/Welder	69
	MMTE	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	8
	MMTW	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	50
	MSMW	48.0508	Welding Technology/Welder	125
	MTW3	47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	6
	MWW	48.0508	Welding Technology/Welder	37
	TCLT	52.0203	Logistics, Materials, and Supply Chain Management	1
	TFMT	46.0401	Building/Property Maintenance	4
Subtotal				903

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Virginia Western

					Completions
					Sum
Total					300
	Program Area	Degree/Cred Code	CIP	CIP Description	
Credit	Health Care	AAS	51.0602	Dental Hygiene/Hygienist	11
			51.0806	Physical Therapy Assistant	9
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist	6
			51.0909	Surgical Technology/Technologist	4
			51.0911	Radiologic Technology/Science - Radiographer	11
			51.1599	Mental and Social Health Services and Allied Professions, Other	3
			51.3801	Registered Nursing/Registered Nurse	10
		AS	30.0101	Biological and Physical Sciences	4
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	3
					1
		CSC	51.0602	Dental Hygiene/Hygienist	1
			51.0707	Health Information/Medical Records Technology/Technician	9
			51.0799	Health and Medical Administrative Services, Other	4
			51.0806	Physical Therapy Assistant	1
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3
			51.0909	Surgical Technology/Technologist	2
			51.0911	Radiologic Technology/Science - Radiographer	5
			51.1004	Clinical/Medical Laboratory Technician	17
			51.1599	Mental and Social Health Services and Allied Professions, Other	11
			51.3801	Registered Nursing/Registered Nurse	6
			51.3901	Licensed Practical/Vocational Nurse Training	1
	Information Technology	AAS	11.0101	Computer and Information Sciences, General	3
					1
		AS	11.0701	Computer Science	1
			30.0101	Biological and Physical Sciences	1
		CSC	11.0101	Computer and Information Sciences, General	10
			11.0801	Web Page, Digital/Multimedia and Information Resources Design	2
	Education	AAS	19.0709	Child Care Provider/Assistant	1
			19.0709	Child Care Provider/Assistant	8
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	1
			15.0613	Manufacturing Engineering Technology/Technician	6
		AS	52.0499	Business Operations Support and Secretarial Services, Other	2
			14.0101	Engineering, General	9

		CSC	30.0101	Biological and Physical Sciences	4
			15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2
			15.0613	Manufacturing Engineering Technology/Technician	5
			15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2
			46.0000	Construction Trades, General	7
			46.0302	Electrician	7
			47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9
			48.0508	Welding Technology/Welder	8
	Public Safety	CSC	43.0103	Criminal Justice/Law Enforcement Administration	3
	Hospitality & Culinary Arts	AAS	12.0500	Cooking and Related Culinary Arts, General	7
		CSC	12.0500	Cooking and Related Culinary Arts, General	5
	Subtotal				241
WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
	Health Care	HMAA	51.0710	Medical Office Assistant/Specialist	19
		HMCA	51.0801	Medical/Clinical Assistant	28
		HPHV	51.0805	Pharmacy Technician/Assistant	1
	Information Technology	ITAC	11.0101	Computer and Information Sciences, General	6
		ITSC	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	2
	Skilled Trades, Manufacturing & Construction	CTOP	47.0303	Industrial Mechanics and Maintenance Technology/Technician	1
		MNJ1	48.0599	Precision Metal Working, Other	1
		MNM1	48.0599	Precision Metal Working, Other	1
	Subtotal				59

Appendix 6: AY 2024-25 G3 individual program completions by college

COLLEGE=Wytheville

					Completions	
					Sum	
Total					331	
	Program Area	Degree/Cred Code	CIP	CIP Description		
Credit	Health Care	AAS	51.0602	Dental Hygiene/Hygienist	1	
			51.0806	Physical Therapy Assistant	3	
			51.3801	Registered Nursing/Registered Nurse	4	
		CERT	51.3901	Licensed Practical/Vocational Nurse Training	13	
			CSC	51.0707	Health Information/Medical Records Technology/Technician	5
				51.0799	Health and Medical Administrative Services, Other	1
		51.0999		Allied Health Diagnostic, Intervention, and Treatment Professions, Other	7	
		Information Technology	AAS	11.0101	Computer and Information Sciences, General	4
			CSC	11.0101	Computer and Information Sciences, General	6
	15.0303			Electrical, Electronic, and Communications Engineering Technology/Technician	9	
	Skilled Trades, Manufacturing & Construction	AAS	15.0612	Industrial Technology/Technician	9	
			48.0599	Precision Metal Working, Other	3	
			CERT	48.0599	Precision Metal Working, Other	3
		CERT	52.0499	Business Operations Support and Secretarial Services, Other	1	
			CSC	46.0000	Construction Trades, General	10
				46.0302	Electrician	27
		47.0201		Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	4	
		48.0508		Welding Technology/Welder	7	
		48.0599		Precision Metal Working, Other	11	
		DIPL	46.0000	Construction Trades, General	1	
		Public Safety	AAS	43.0102	Corrections	1
				43.0103	Criminal Justice/Law Enforcement Administration	5
			CSC	22.0302	Legal Assistant/Paralegal	1
				43.0103	Criminal Justice/Law Enforcement Administration	5
		Subtotal					141
	WCG	Program Area	Degree/Cred Code	CIP	CIP Description	
		Skilled Trades, Manufacturing & Construction	AHE1	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	15
				CCSC	46.0000	Construction Trades, General	21
			CIM3	47.0303	Industrial Mechanics and Maintenance Technology/Technician	4
FCAW			48.0508	Welding Technology/Welder	4	
MAIF			47.0303	Industrial Mechanics and Maintenance Technology/Technician	6	

		MFIF	15.0699	Industrial Production Technologies/Technicians, Other	9
		MGMW	48.0508	Welding Technology/Welder	32
		MGTW	48.0508	Welding Technology/Welder	11
		MPIF	15.1701	Energy Systems Technology/Technician	23
		MSMW	48.0508	Welding Technology/Welder	16
		ODMP	47.0605	Diesel Mechanics Technology/Technician	3
		PLW1	46.0301	Electrical and Power Transmission Installation/Installer, General	7
		PLWD	46.0301	Electrical and Power Transmission Installation/Installer, General	7
		PMIM	48.0000	Precision Production Trades, General	10
		TAEF	47.0604	Automobile/Automotive Mechanics Technology/Technician	15
		TATB	47.0604	Automobile/Automotive Mechanics Technology/Technician	7
		Subtotal				190

Appendix 7: AY 2024-25 G3 Credit Completers by income level

	< 100% FPL	100% - 199% FPL	200% - 299% FPL	300% - 399% FPL	Total
	N	N	N	N	N
VCCS	791	676	597	635	2,699
Blue Ridge	16	24	31	30	101
Brightpoint	39	25	29	33	126
Central Virginia	14	18	24	19	75
Danville	32	24	25	25	106
Eastern Shore	12	8	15	3	38
Germanna	24	24	25	41	114
J. Sargeant Reynolds	72	44	52	32	200
Laurel Ridge	9	10	12	26	57
Mountain Empire	60	35	19	30	144
Mountain Gateway	5	8	2	5	20
New River	31	20	35	35	121
Northern Virginia	182	179	116	150	627
Patrick & Henry	22	15	11	14	62
Paul D. Camp	4	2	3	2	11
Piedmont Virginia	5	9	17	14	45
Rappahannock	3	3	9	6	21
Southside Virginia	12	9	6	5	32
Southwest Virginia	32	37	17	28	114
Tidewater	86	80	58	40	264
Virginia Highlands	29	23	14	21	87
Virginia Peninsula	13	13	11	11	48
Virginia Western	58	46	39	45	188
Wytheville	31	20	27	20	98

Appendix 8: AY 2024-25 G3 retention rates by area of study by college
VCCS

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				8,999	7,766	86.30	9,272	7,063	76.18
Program Area	Degree	CIP	Description						
Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant						
				67	63	94.03	89	84	94.38
		51.0602	Dental Hygiene/Hygienist	54	49	90.74	74	69	93.24
		51.0707	Health Information/Medical Records Technology/Technician	35	29	82.86	69	48	69.57
		51.0803	Occupational Therapist Assistant	24	23	95.83	33	32	96.97
		51.0806	Physical Therapy Assistant	70	65	92.86	96	90	93.75
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	128	84	65.63	210	115	54.76
		51.0907	Medical Radiologic Technology/Science - Radiation Therapist	9	9	100.00	13	12	92.31
		51.0908	Respiratory Care Therapy/Therapist	66	58	87.88	82	77	93.90
		51.0909	Surgical Technology/Technologist	30	27	90.00	19	17	89.47
		51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician						
				25	25	100.00	44	42	95.45
		51.0911	Radiologic Technology/Science - Radiographer	103	97	94.17	94	91	96.81
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	.	.	1	1	100.00
		51.1004	Clinical/Medical Laboratory Technician	43	37	86.05	70	63	90.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	278	230	82.73	368	266	72.28
		51.1801	Opticianry/Ophthalmic Dispensing Optician	8	7	87.50	13	9	69.23
		51.3801	Registered Nursing/Registered Nurse	644	576	89.44	996	882	88.55
	AS	30.0101	Biological and Physical Sciences	54	46	85.19	.	.	.
	CERT	51.0601	Dental Assisting/Assistant	30	24	80.00	47	44	93.62
		51.0799	Health and Medical Administrative Services, Other						
				22	20	90.91	32	19	59.38
		51.0801	Medical/Clinical Assistant	10	10	100.00	12	11	91.67
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	2	100.00	3	2	66.67
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	252	191	75.79	373	215	57.64
		51.1501	Substance Abuse/Addiction Counseling	10	8	80.00	19	12	63.16
		51.1599	Mental and Social Health Services and Allied Professions, Other	6	4	66.67	11	7	63.64
		51.3501	Massage Therapy/Therapeutic Massage	1	1	100.00	2	2	100.00
		51.3901	Licensed Practical/Vocational Nurse Training						
				116	103	88.79	241	208	86.31
	CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant						
				14	11	78.57	24	15	62.50
		51.0602	Dental Hygiene/Hygienist	13	8	61.54	23	15	65.22
		51.0707	Health Information/Medical Records Technology/Technician	56	47	83.93	145	102	70.34
		51.0713	Medical Insurance Coding Specialist/Coder	.	.	.	1	0	0.00
		51.0799	Health and Medical Administrative Services, Other						
				5	5	100.00	29	18	62.07
		51.0801	Medical/Clinical Assistant	9	9	100.00	11	11	100.00
		51.0803	Occupational Therapist Assistant	1	0	0.00	.	.	.
		51.0805	Pharmacy Technician/Assistant	.	.	.	10	9	90.00
		51.0806	Physical Therapy Assistant	7	6	85.71	8	6	75.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	22	8	36.36	29	9	31.03
		51.0907	Medical Radiologic Technology/Science - Radiation Therapist	6	5	83.33	8	5	62.50
		51.0909	Surgical Technology/Technologist	4	2	50.00	1	0	0.00
		51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician						
				13	10	76.92	12	10	83.33
		51.0911	Radiologic Technology/Science - Radiographer	33	28	84.85	28	18	64.29
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	254	185	72.83	456	285	62.50
		51.1004	Clinical/Medical Laboratory Technician	27	20	74.07	53	33	62.26

		51.1009	Phlebotomy Technician/Phlebotomist	.	.	.	8	6	75.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	26	17	65.38	42	27	64.29
		51.1801	Opticianry/Ophthalmic Dispensing Optician	1	1	100.00	.	.	.
		51.2006	Clinical and Industrial Drug Development	.	.	.	7	6	85.71
		51.3501	Massage Therapy/Therapeutic Massage	.	.	.	6	5	83.33
		51.3801	Registered Nursing/Registered Nurse	86	64	74.42	131	91	69.47
		51.3901	Licensed Practical/Vocational Nurse Training	14	7	50.00	89	42	47.19
	Subtotal			2,678	2,221	82.94	4,132	3,131	75.77
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	585	502	85.81	661	492	74.43
		11.0103	Information Technology	.	.	.	186	145	77.96
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	27	22	81.48	40	34	85.00
		11.0901	Computer Systems Networking and Telecommunications	5	5	100.00	6	5	83.33
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	863	785	90.96	1,284	1,052	81.93
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	20	19	95.00	72	51	70.83
	AS	11.0103	Information Technology	532	492	92.48	.	.	.
		11.0701	Computer Science	714	636	89.08	.	.	.
		30.0101	Biological and Physical Sciences	23	19	82.61	.	.	.
	CERT	11.0101	Computer and Information Sciences, General	.	.	.	14	5	35.71
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	1	0	0.00	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	49	42	85.71	61	38	62.30
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	5	2	40.00	15	10	66.67
		11.1001	Network and System Administration/Administrator	.	.	.	1	1	100.00
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	.	.	32	25	78.13
		11.1099	Computer/Information Technology Services Administration and Management, Other	.	.	.	12	9	75.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	85	61	71.76	154	104	67.53
	Subtotal			2,909	2,585	88.86	2,538	1,971	77.66
Education	Degree	CIP	Description						
	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	2	1	50.00	.	.	.
	AAS	19.0709	Child Care Provider/Assistant	294	261	88.78	513	392	76.41
	AS	13.0101	Education, General	245	208	84.90	.	.	.
		13.1205	Secondary Education and Teaching	7	6	85.71	.	.	.
	CERT	19.0709	Child Care Provider/Assistant	22	15	68.18	35	22	62.86
	CSC	13.0101	Education, General	2	2	100.00	4	3	75.00
		13.1210	Early Childhood Education and Teaching	.	.	.	2	1	50.00
		19.0709	Child Care Provider/Assistant	32	21	65.63	83	51	61.45
		19.0799	Human Development, Family Studies, and Related Services, Other	.	.	.	2	1	50.00
	Subtotal			604	514	85.10	639	470	73.55
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	1	1	100.00	.	.	.
	AAS	15.0000	Engineering Technologies/Technicians, General	46	42	91.30	52	42	80.77
		15.0001	Applied Engineering Technologies/Technicians	.	.	.	11	10	90.91
		15.0101	Architectural Engineering Technologies/Technicians	16	12	75.00	11	9	81.82
		15.0201	Civil Engineering Technologies/Technicians	7	6	85.71	7	7	100.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	36	29	80.56	.	.	.
		15.0599	Environmental Control Technologies/Technicians, Other	22	18	81.82	25	17	68.00
		15.0612	Industrial Technology/Technician	126	111	88.10	102	81	79.41
		15.0613	Manufacturing Engineering Technology/Technician	49	41	83.67	78	65	83.33

		15.0699	Industrial Production Technologies/Technicians, Other	6	5	83.33	9	7	77.78
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	21	19	90.48	28	23	82.14
		15.0901	Mining Technology/Technician	6	5	83.33	.	.	.
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	46	40	86.96	49	41	83.67
		15.1401	Nuclear Engineering Technology/Technician	1	1	100.00	1	0	0.00
		41.0101	Biology/Biotechnology Technology/Technician	6	4	66.67	4	3	75.00
		46.0000	Construction Trades, General	27	24	88.89	.	.	.
		46.0302	Electrician	47	41	87.23	41	26	63.41
		47.0000	Mechanics and Repairers, General	6	5	83.33	7	3	42.86
		47.0105	Industrial Electronics Technology/Technician	58	53	91.38	107	91	85.05
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	57	49	85.96	65	49	75.38
		47.0604	Automobile/Automotive Mechanics Technology/Technician	122	102	83.61	148	110	74.32
		47.0605	Diesel Mechanics Technology/Technician	6	6	100.00	5	4	80.00
		47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	8	7	87.50	8	8	100.00
		48.0599	Precision Metal Working, Other	20	18	90.00	27	26	96.30
		52.0499	Business Operations Support and Secretarial Services, Other	68	56	82.35	92	72	78.26
		52.2001	Construction Management, General	.	.	.	42	36	85.71
	AS	14.0101	Engineering, General	546	504	92.31	.	.	.
		30.0101	Biological and Physical Sciences	491	414	84.32	.	.	.
	CERT	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7	7	100.00	.	.	.
		15.0599	Environmental Control Technologies/Technicians, Other	.	.	.	1	0	0.00
		15.0699	Industrial Production Technologies/Technicians, Other	1	1	100.00	3	2	66.67
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3	3	100.00	6	6	100.00
		46.0000	Construction Trades, General	2	2	100.00	6	1	16.67
		46.0302	Electrician	7	6	85.71	10	4	40.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	13	9	69.23	28	10	35.71
		47.0604	Automobile/Automotive Mechanics Technology/Technician	2	1	50.00	8	7	87.50
		47.0605	Diesel Mechanics Technology/Technician	2	2	100.00	12	10	83.33
		48.0508	Welding Technology/Welder	60	52	86.67	99	72	72.73
		48.0599	Precision Metal Working, Other	.	.	.	4	3	75.00
		52.0499	Business Operations Support and Secretarial Services, Other	2	1	50.00	1	1	100.00
	CSC	14.0101	Engineering, General	1	1	100.00	.	.	.
		15.0000	Engineering Technologies/Technicians, General	2	1	50.00	4	2	50.00
		15.0201	Civil Engineering Technologies/Technicians	5	3	60.00	2	1	50.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	18	17	94.44	.	.	.
		15.0599	Environmental Control Technologies/Technicians, Other	.	.	.	6	2	33.33
		15.0613	Manufacturing Engineering Technology/Technician	1	1	100.00	2	1	50.00
		15.0699	Industrial Production Technologies/Technicians, Other	10	9	90.00	11	6	54.55
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	6	6	100.00	4	3	75.00
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	6	6	100.00	12	6	50.00
		15.9999	Engineering/Engineering-Related Technologies/Technicians, Other	.	.	.	3	2	66.67
		41.0101	Biology/Biotechnology Technology/Technician	1	1	100.00	.	.	.
		46.0000	Construction Trades, General	8	8	100.00	10	3	30.00
		46.0302	Electrician	17	13	76.47	14	11	78.57
		46.0412	Building/Construction Site Management/Manager	.	.	.	6	4	66.67

		47.0105	Industrial Electronics Technology/Technician		1	1	100.00		1	1	100.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician								
		47.0603	Autobody/Collision and Repair Technology/Technician		38	33	86.84		44	29	65.91
		47.0604	Automobile/Automotive Mechanics Technology/Technician		.	.	.		3	2	66.67
		47.0605	Diesel Mechanics Technology/Technician		16	14	87.50		37	25	67.57
		47.0699	Vehicle Maintenance and Repair Technologies/Technicians, Other		17	15	88.24		12	11	91.67
		48.0508	Welding Technology/Welder		.	.	.		2	1	50.00
		48.0599	Precision Metal Working, Other		37	32	86.49		73	50	68.49
		52.0499	Business Operations Support and Secretarial Services, Other		2	2	100.00		2	2	100.00
		DIPL	46.0000 Construction Trades, General		3	1	33.33		1	1	100.00
			47.0105 Industrial Electronics Technology/Technician		16	13	81.25		20	20	100.00
			47.0201 Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician		22	15	68.18		36	33	91.67
			47.0604 Automobile/Automotive Mechanics Technology/Technician		22	20	90.91		21	17	80.95
			48.0508 Welding Technology/Welder		24	21	87.50		30	23	76.67
			48.0599 Precision Metal Working, Other		22	22	100.00		20	15	75.00
		Subtotal			38	36	94.74		55	45	81.82
					2,277	1,988	87.31		1,528	1,162	76.05
Public Safety	Degree	CIP	Description								
	AAS	43.0102	Corrections		3	1	33.33		5	5	100.00
		43.0103	Criminal Justice/Law Enforcement Administration								
		43.0203	Fire Science/Fire-fighting		251	213	84.86		386	293	75.91
		43.0406	Forensic Science and Technology		11	10	90.91		10	8	80.00
	AS	30.0101	Biological and Physical Sciences		3	2	66.67		7	3	42.86
		43.0104	Criminal Justice/Safety Studies		1	1	100.00		.	.	.
	CERT	43.0103	Criminal Justice/Law Enforcement Administration		155	140	90.32		.	.	.
	CSC	22.0302	Legal Assistant/Paralegal		6	4	66.67		8	7	87.50
		43.0103	Criminal Justice/Law Enforcement Administration		1	1	100.00		1	1	100.00
					9	7	77.78		15	10	66.67
		43.0199	Corrections and Criminal Justice, Other		.	.	.		1	1	100.00
		43.0203	Fire Science/Fire-fighting		1	1	100.00		.	.	.
		43.0406	Forensic Science and Technology		1	0	0.00		2	1	50.00
	Subtotal				442	380	85.97		435	329	75.63
Hospitality & Culinary Arts	Degree	CIP	Description								
	AAS	12.0500	Cooking and Related Culinary Arts, General								
		52.0901	Hospitality Administration/Management, General		80	69	86.25		.	.	.
	CSC	52.0901	Hospitality Administration/Management, General		8	8	100.00		.	.	.
					1	1	100.00		.	.	.
	Subtotal				89	78	87.64		.	.	.
Source: M:\A_AB\g3\annual_report\2025\programs\g3_performance_2425.sas											

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Blue Ridge

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				342	286	83.63	278	231	83.09
Program Area	Degree	CIP	Description						
Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant						
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	46	42	91.30	51	48	94.12
		51.1599	Mental and Social Health Services and Allied Professions, Other	9	7	77.78	13	11	84.62
		51.3801	Registered Nursing/Registered Nurse	12	9	75.00	23	21	91.30
		51.3801	Registered Nursing/Registered Nurse	65	51	78.46	40	37	92.50
	CERT	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)						
	CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	2	2	100.00	3	2	66.67
		51.0707	Health Information/Medical Records Technology/Technician	13	10	76.92	21	15	71.43
		51.3901	Licensed Practical/Vocational Nurse Training	2	0	0.00	2	2	100.00
				.	.	.	10	4	40.00
	Subtotal			149	121	81.21	163	140	85.89
	Information Technology	Degree	CIP	Description					
AAS		11.0101	Computer and Information Sciences, General						
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	34	31	91.18	37	28	75.68
AS		11.0701	Computer Science	5	5	100.00	7	6	85.71
		30.0101	Biological and Physical Sciences	20	18	90.00	.	.	.
CSC		11.0101	Computer and Information Sciences, General	8	7	87.50	.	.	.
Subtotal			.	.	.	1	1	100.00	
Education	Degree	CIP	Description	67	61	91.04	45	35	77.78
	AAS	19.0709	Child Care Provider/Assistant	13	12	92.31	2	1	50.00
	AS	13.0101	Education, General	8	6	75.00	.	.	.
	CSC	19.0709	Child Care Provider/Assistant	1	1	100.00	5	5	100.00
	Subtotal			22	19	86.36	7	6	85.71
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0613	Manufacturing Engineering Technology/Technician						
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	13	9	69.23	21	18	85.71
		47.0604	Automobile/Automotive Mechanics Technology/Technician	4	4	100.00	8	7	87.50
		47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	10	6	60.00	14	9	64.29
	AS	14.0101	Engineering, General	8	7	87.50	8	8	100.00
		30.0101	Biological and Physical Sciences	20	17	85.00	.	.	.
	Subtotal			42	35	83.33	.	.	.
Public Safety	Degree	CIP	Description	97	78	80.41	51	42	82.35
	AAS	43.0103	Criminal Justice/Law Enforcement Administration						
	CSC			7	7	100.00	10	7	70.00
		43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	2	1	50.00
Subtotal			7	7	100.00	12	8	66.67	

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Brightpoint

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				561	471	83.96	624	450	72.12
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	10	7	70.00	12	8	66.67
		51.0911	Radiologic Technology/Science - Radiographer	30	29	96.67	.	.	.
		51.1599	Mental and Social Health Services and Allied Professions, Other	52	42	80.77	54	39	72.22
		51.3801	Registered Nursing/Registered Nurse	129	104	80.62	222	162	72.97
		CERT 51.3901	Licensed Practical/Vocational Nurse Training	11	9	81.82	19	10	52.63
	CSC	51.1599	Mental and Social Health Services and Allied Professions, Other	2	2	100.00	10	5	50.00
		51.2006	Clinical and Industrial Drug Development	.	.	.	7	6	85.71
		51.3501	Massage Therapy/Therapeutic Massage	.	.	.	6	5	83.33
		51.3901	Licensed Practical/Vocational Nurse Training	1	0	0.00	2	1	50.00
	Subtotal			235	193	82.13	332	236	71.08
	Degree	CIP	Description						
Information Technology	AAS	11.0101	Computer and Information Sciences, General	59	50	84.75	74	59	79.73
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	17	14	82.35	26	22	84.62
		AS 11.0701	Computer Science	35	30	85.71	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	3	3	100.00	12	6	50.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	13	9	69.23	30	23	76.67
	Subtotal			127	106	83.46	142	110	77.46
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	15	15	100.00	32	26	81.25
	AS	13.0101	Education, General	17	13	76.47	.	.	.
		13.1205	Secondary Education and Teaching	7	6	85.71	.	.	.
	CERT	19.0709	Child Care Provider/Assistant	1	1	100.00	4	3	75.00
	CSC	19.0709	Child Care Provider/Assistant	.	.	.	1	0	0.00
Skilled Trades, Manufacturing & Construction	Subtotal			40	35	87.50	37	29	78.38
	Degree	CIP	Description						
	AAS	15.0101	Architectural Engineering Technologies/Technicians	16	12	75.00	11	9	81.82
		15.0612	Industrial Technology/Technician	3	3	100.00	3	2	66.67
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	5	5	100.00	9	7	77.78
		46.0302	Electrician	17	15	88.24	15	8	53.33
	AS	14.0101	Engineering, General	22	21	95.45	.	.	.
		30.0101	Biological and Physical Sciences	58	46	79.31	.	.	.
	CERT	15.0599	Environmental Control Technologies/Technicians, Other	.	.	.	1	0	0.00
		46.0000	Construction Trades, General	2	2	100.00	6	1	16.67
		48.0508	Welding Technology/Welder	2	2	100.00	2	2	100.00
		48.0599	Precision Metal Working, Other	.	.	.	2	1	50.00
		CSC 15.0201	Civil Engineering Technologies/Technicians	3	2	66.67	1	1	100.00
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	1	100.00	.	.	.
		15.0599	Environmental Control Technologies/Technicians, Other	.	.	.	1	0	0.00
		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	4	3	75.00
		47.0105	Industrial Electronics Technology/Technician	.	.	.	1	1	100.00
				.	.	.			

Public Safety		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	2	100.00	9	5	55.56
		48.0508	Welding Technology/Welder	1	1	100.00	7	3	42.86
		Subtotal		134	114	85.07	72	43	59.72
	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	25	23	92.00	40	31	77.50
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	1	1	100.00
		Subtotal		25	23	92.00	41	32	78.05
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas									

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Central Virginia

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				188	155	82.45	290	225	77.59
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	17	8	47.06	29	18	62.07
		51.0908	Respiratory Care Therapy/Therapist	7	5	71.43	10	10	100.00
		51.0911	Radiologic Technology/Science - Radiographer						
		51.1004	Clinical/Medical Laboratory Technician	6	6	100.00	12	12	100.00
	CSC	51.0707	Health Information/Medical Records Technology/Technician	5	4	80.00	6	5	83.33
				6	5	83.33	12	5	41.67
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	9	7	77.78	21	16	76.19
	Subtotal			50	35	70.00	90	66	73.33
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	20	17	85.00	26	22	84.62
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	6	6	100.00	14	11	78.57
	AS	11.0701	Computer Science	2	1	50.00	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	1	1	100.00	.	.	.
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician						
			4	3	75.00	12	9	75.00	
	Subtotal			33	28	84.85	52	42	80.77
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	13	12	92.31	5	5	100.00
	CERT	19.0709	Child Care Provider/Assistant	.	.	.	7	7	100.00
	CSC	19.0709	Child Care Provider/Assistant	1	0	0.00	.	.	.
	Subtotal			14	12	85.71	12	12	100.00
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0000	Engineering Technologies/Technicians, General	3	2	66.67	3	3	100.00
		15.0613	Manufacturing Engineering Technology/Technician	8	7	87.50	20	17	85.00
		15.1401	Nuclear Engineering Technology/Technician	1	1	100.00	1	0	0.00
	AS	14.0101	Engineering, General	10	10	100.00	.	.	.
	CERT	46.0302	Electrician	2	2	100.00	2	2	100.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician						
				1	1	100.00	8	2	25.00
		48.0508	Welding Technology/Welder	18	16	88.89	48	38	79.17
		48.0599	Precision Metal Working, Other	.	.	.	2	2	100.00
		15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	1	0	0.00
	CSC	46.0302	Electrician	1	0	0.00	1	1	100.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician						
				1	1	100.00	.	.	.
		48.0508	Welding Technology/Welder	1	1	100.00	4	2	50.00
		48.0599	Precision Metal Working, Other	23	21	91.30	30	24	80.00
	Subtotal			69	62	89.86	120	91	75.83
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	13	13	100.00	16	14	87.50
	CSC	43.0103	Criminal Justice/Law Enforcement Administration						
			1	0	0.00	.	.	.	
Subtotal			14	13	92.86	16	14	87.50	
Hospitality & Culinary Arts	Degree	CIP	Description						
	AAS	12.0500	Cooking and Related Culinary Arts, General	8	5	62.50	.	.	.
	Subtotal			8	5	62.50	.	.	.

Source: M:\A_AB\g3\annual_report\2025\programs\g3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Danville

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				219	188	85.84	317	251	79.18
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	.	.	1	1	100.00
		51.3801	Registered Nursing/Registered Nurse	3	2	66.67	16	14	87.50
	CSC	51.0707	Health Information/Medical Records Technology/Technician	1	0	0.00	4	2	50.00
		51.0799	Health and Medical Administrative Services, Other	.	.	.	2	2	100.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	.	.	1	1	100.00
		51.1004	Clinical/Medical Laboratory Technician	5	3	60.00	11	6	54.55
		51.3901	Licensed Practical/Vocational Nurse Training	.	.	.	.	.	.
				2	0	0.00	8	3	37.50
	Subtotal			11	5	45.45	43	29	67.44
	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	33	28	84.85	37	26	70.27
Information Technology	CERT	11.1003	Computer and Information Systems Security/Auditing/Information Assurance	1	0	0.00	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	.	.	.	1	1	100.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	1	0	0.00
	Subtotal			34	28	82.35	39	27	69.23
	Degree	CIP	Description						
Education	AAS	19.0709	Child Care Provider/Assistant	32	31	96.88	68	55	80.88
	CSC	19.0709	Child Care Provider/Assistant	1	1	100.00	9	5	55.56
	Subtotal			33	32	96.97	77	60	77.92
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	11	9	81.82	9	8	88.89
		52.0499	Business Operations Support and Secretarial Services, Other	18	15	83.33	16	13	81.25
	CERT	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7	7	100.00	.	.	.
		15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	1	1	100.00
		48.0508	Welding Technology/Welder	.	.	.	3	2	66.67
	CSC	48.0508	Welding Technology/Welder	.	.	.	1	1	100.00
		52.0499	Business Operations Support and Secretarial Services, Other	1	0	0.00	.	.	.
	DIPL	47.0105	Industrial Electronics Technology/Technician	22	15	68.18	36	33	91.67
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	22	20	90.91	21	17	80.95
		47.0604	Automobile/Automotive Mechanics Technology/Technician	17	15	88.24	13	12	92.31
		48.0508	Welding Technology/Welder	16	16	100.00	16	13	81.25
		48.0599	Precision Metal Working, Other	15	15	100.00	24	20	83.33
				129	112	86.82	140	120	85.71
	Subtotal			129	112	86.82	140	120	85.71
	Degree	CIP	Description						
Public Safety	AAS	43.0103	Criminal Justice/Law Enforcement Administration	12	11	91.67	17	15	88.24
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	1	0	0.00
	Subtotal			12	11	91.67	18	15	83.33
	Degree	CIP	Description						

Source: M:\A_AB\g3\annual_report\2025\programs\g3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Eastern Shore

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				67	62	92.54	66	52	78.79
Program Area	Degree	CIP	Description						
Health Care	CERT	51.0801	Medical/Clinical Assistant	10	10	100.00	12	11	91.67
		51.3901	Licensed Practical/Vocational Nurse Training	10	10	100.00	15	14	93.33
	CSC	51.0707	Health Information/Medical Records Technology/Technician	.	.	.	2	2	100.00
		51.0799	Health and Medical Administrative Services, Other	.	.	.	1	0	0.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	5	3	60.00	7	5	71.43
	Subtotal			25	23	92.00	37	32	86.49
	Information Technology	Degree	CIP	Description					
AAS		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	4	4	100.00
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	.	.	.	3	2	66.67
Subtotal			1	1	100.00	9	6	66.67	
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	18	17	94.44	13	8	61.54
	CSC	19.0709	Child Care Provider/Assistant	.	.	.	1	1	100.00
Subtotal				18	17	94.44	14	9	64.29
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	4	3	75.00	.	.	.
		15.0612	Industrial Technology/Technician	5	4	80.00	1	1	100.00
	CERT	15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	2	1	50.00
		48.0508	Welding Technology/Welder	5	5	100.00	1	1	100.00
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	3	3	100.00	.	.	.
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3	3	100.00	1	1	100.00
		48.0508	Welding Technology/Welder	3	3	100.00	1	1	100.00
	Subtotal			23	21	91.30	6	5	83.33

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Germann

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				270	227	84.07	536	419	78.17
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0806	Physical Therapy Assistant	3	3	100.00	12	12	100.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	4	2	50.00	4	3	75.00
	CERT	51.3801	Registered Nursing/Registered Nurse	52	51	98.08	103	101	98.06
		51.0601	Dental Assisting/Assistant	.	.	.	10	10	100.00
		51.3901	Licensed Practical/Vocational Nurse Training	7	6	85.71	20	20	100.00
	CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	.	.	3	1	33.33
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	54	41	75.93	98	64	65.31
		51.1599	Mental and Social Health Services and Allied Professions, Other	2	1	50.00	3	1	33.33
		51.3901	Licensed Practical/Vocational Nurse Training	1	1	100.00	5	0	0.00
	Subtotal			123	105	85.37	258	212	82.17
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	20	16	80.00	50	42	84.00
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	91	78	85.71	143	97	67.83
	CSC	11.0101	Computer and Information Sciences, General	2	2	100.00	4	3	75.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5	3	60.00	6	4	66.67
	Subtotal			118	99	83.90	203	146	71.92
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	9	8	88.89	31	25	80.65
	CERT	19.0709	Child Care Provider/Assistant	.	.	.	3	2	66.67
	CSC	19.0709	Child Care Provider/Assistant	.	.	.	2	2	100.00
Skilled Trades, Manufacturing & Construction	Subtotal			9	8	88.89	36	29	80.56
	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	2	1	50.00	3	2	66.67
	CSC	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	.	.	1	0	0.00
		47.0604	Automobile/Automotive Mechanics Technology/Technician	5	4	80.00	12	11	91.67
	Subtotal			7	5	71.43	16	13	81.25
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	12	10	83.33	22	18	81.82
	CERT	43.0103	Criminal Justice/Law Enforcement Administration	1	0	0.00	1	1	100.00
	Subtotal			13	10	76.92	23	19	82.61

Source: M:\A_AB\g3\annual_report\2025\programs\g3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=J. Sargeant Reynolds

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				555	462	83.24	695	509	73.24
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)						
				13	7	53.85	18	13	72.22
		51.0908	Respiratory Care Therapy/Therapist	25	23	92.00	21	20	95.24
		51.0909	Surgical Technology/Technologist	9	7	77.78	.	.	.
		51.1004	Clinical/Medical Laboratory Technician	21	17	80.95	33	30	90.91
		51.1599	Mental and Social Health Services and Allied Professions, Other	38	35	92.11	53	44	83.02
		51.1801	Opticianry/Ophthalmic Dispensing Optician	8	7	87.50	13	9	69.23
	CERT	51.3801	Registered Nursing/Registered Nurse	42	40	95.24	64	61	95.31
		51.0601	Dental Assisting/Assistant	23	18	78.26	19	17	89.47
		51.3901	Licensed Practical/Vocational Nurse Training	.	.	.	10	10	100.00
	CSC	51.0707	Health Information/Medical Records Technology/Technician	4	4	100.00	21	15	71.43
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	0	0.00	5	1	20.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	71	45	63.38	163	93	57.06
		51.1599	Mental and Social Health Services and Allied Professions, Other	13	10	76.92	20	13	65.00
		51.1801	Opticianry/Ophthalmic Dispensing Optician	1	1	100.00	.	.	.
	Subtotal			270	214	79.26	440	326	74.09
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	70	61	87.14	79	55	69.62
	AS	11.0701	Computer Science	30	29	96.67	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	5	3	60.00	11	7	63.64
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8	6	75.00	27	18	66.67
	Subtotal			113	99	87.61	117	80	68.38
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	29	27	93.10	61	54	88.52
	AS	13.0101	Education, General	25	20	80.00	.	.	.
	CERT	19.0709	Child Care Provider/Assistant	5	5	100.00	5	2	40.00
	CSC	19.0709	Child Care Provider/Assistant	1	1	100.00	3	1	33.33
	Subtotal			60	53	88.33	69	57	82.61
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0000	Engineering Technologies/Technicians, General	9	6	66.67	9	7	77.78
		47.0604	Automobile/Automotive Mechanics Technology/Technician	20	18	90.00	21	14	66.67
	AS	14.0101	Engineering, General	5	4	80.00	.	.	.
		30.0101	Biological and Physical Sciences	45	40	88.89	.	.	.
	CERT	47.0604	Automobile/Automotive Mechanics Technology/Technician	1	1	100.00	3	3	100.00
		47.0605	Diesel Mechanics Technology/Technician	2	2	100.00	12	10	83.33
	CSC	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2	2	100.00	1	0	0.00
		47.0604	Automobile/Automotive Mechanics Technology/Technician	1	1	100.00	.	.	.
		48.0508	Welding Technology/Welder	1	0	0.00	2	1	50.00
	Subtotal			86	74	86.05	48	35	72.92
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	15	11	73.33	18	10	55.56
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	1	1	100.00	3	1	33.33

		43.0203	Fire Science/Fire-fighting	1	1	100.00	.	.	.
	Subtotal			17	13	76.47	21	11	52.38
Hospitality & Culinary Arts	Degree	CIP	Description						
	AAS	12.0500	Cooking and Related Culinary Arts, General	9	9	100.00	.	.	.
	Subtotal			9	9	100.00	.	.	.
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas									

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Laurel Ridge

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				175	154	88.00	200	163	81.50
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0707	Health Information/Medical Records Technology/Technician	17	14	82.35	31	21	67.74
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	1	100.00	1	1	100.00
		51.0909	Surgical Technology/Technologist	3	3	100.00	2	2	100.00
		51.1004	Clinical/Medical Laboratory Technician	2	1	50.00	2	2	100.00
		51.3801	Registered Nursing/Registered Nurse	26	23	88.46	34	33	97.06
	AS	30.0101	Biological and Physical Sciences	18	15	83.33	.	.	.
	CERT	51.0799	Health and Medical Administrative Services, Other	4	4	100.00	9	6	66.67
		51.3901	Licensed Practical/Vocational Nurse Training	1	1	100.00	5	5	100.00
	CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	2	100.00	1	0	0.00
		51.3901	Licensed Practical/Vocational Nurse Training	2	0	0.00	2	1	50.00
	Subtotal			76	64	84.21	87	71	81.61
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	10	9	90.00	18	16	88.89
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	12	10	83.33	48	42	87.50
	AS	11.0701	Computer Science	1	1	100.00	.	.	.
		30.0101	Biological and Physical Sciences	8	7	87.50	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	.	.	.	6	5	83.33
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	1	1	100.00
	Subtotal			31	27	87.10	73	64	87.67
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	11	11	100.00	22	15	68.18
	AS	13.0101	Education, General	9	7	77.78	.	.	.
	CSC	19.0709	Child Care Provider/Assistant	2	2	100.00	3	3	100.00
	Subtotal			22	20	90.91	25	18	72.00
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0000	Engineering Technologies/Technicians, General	3	3	100.00	9	6	66.67
	AS	14.0101	Engineering, General	24	22	91.67	.	.	.
		30.0101	Biological and Physical Sciences	17	16	94.12	.	.	.
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	1	100.00	.	.	.
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	.	.	1	0	0.00
	Subtotal			45	42	93.33	10	6	60.00
Public Safety	Degree	CIP	Description						
	AS	30.0101	Biological and Physical Sciences	1	1	100.00	.	.	.
	CERT	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	5	4	80.00
	Subtotal			1	1	100.00	5	4	80.00

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Mountain Empire

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				295	226	76.61	413	295	71.43
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0707	Health Information/Medical Records Technology/Technician	7	5	71.43	10	8	80.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	.	.	10	5	50.00
		51.0908	Respiratory Care Therapy/Therapist	15	12	80.00	18	16	88.89
		51.3801	Registered Nursing/Registered Nurse	25	25	100.00	28	26	92.86
	CERT	51.0601	Dental Assisting/Assistant	6	5	83.33	10	9	90.00
		51.0799	Health and Medical Administrative Services, Other	12	11	91.67	13	9	69.23
		51.3901	Licensed Practical/Vocational Nurse Training	19	17	89.47	28	27	96.43
	CSC	51.0707	Health Information/Medical Records Technology/Technician	4	3	75.00	2	2	100.00
		51.0799	Health and Medical Administrative Services, Other	.	.	.	4	4	100.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	1	100.00	1	1	100.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	64	44	68.75	100	58	58.00
		51.1004	Clinical/Medical Laboratory Technician	10	10	100.00	18	15	83.33
		51.3901	Licensed Practical/Vocational Nurse Training	3	2	66.67	4	2	50.00
				166	135	81.33	246	182	73.98
	Subtotal								
Information Technology	Degree	CIP	Description						
	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	9	8	88.89	11	6	54.55
	CSC	11.0101	Computer and Information Sciences, General	4	2	50.00	.	.	.
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	6	5	83.33	10	8	80.00
	Subtotal			19	15	78.95	21	14	66.67
Education	Degree	CIP	Description						
	CSC	19.0709	Child Care Provider/Assistant	6	0	0.00	17	11	64.71
	Subtotal			6	0	0.00	17	11	64.71
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0599	Environmental Control Technologies/Technicians, Other	22	18	81.82	25	17	68.00
		15.0612	Industrial Technology/Technician	30	24	80.00	31	23	74.19
		15.0699	Industrial Production Technologies/Technicians, Other	1	1	100.00	5	5	100.00
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	9	7	77.78	11	9	81.82
		52.0499	Business Operations Support and Secretarial Services, Other	8	4	50.00	14	11	78.57
	CERT	15.0699	Industrial Production Technologies/Technicians, Other	1	1	100.00	.	.	.
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	4	4	100.00	4	3	75.00
		48.0508	Welding Technology/Welder	2	1	50.00	4	1	25.00
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	7	6	85.71	.	.	.
		15.0599	Environmental Control Technologies/Technicians, Other	.	.	.	5	2	40.00
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	.	.	1	0	0.00
		46.0000	Construction Trades, General	.	.	.	6	0	0.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5	4	80.00	3	3	100.00
		48.0508	Welding Technology/Welder	.	.	.	3	2	66.67

Public Safety	Subtotal			89	70	78.65	112	76	67.86
	Degree	CIP	Description						
	AAS	43.0102	Corrections	3	1	33.33	4	4	100.00
		43.0103	Criminal Justice/Law Enforcement Administration						
				12	5	41.67	13	8	61.54
Subtotal				15	6	40.00	17	12	70.59
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas									

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Mountain Gateway

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				60	54	90.00	104	74	71.15
Program Area	Degree	CIP	Description						
Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	12	12	100.00	27	23	85.19
	CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	12	10	83.33	32	20	62.50
		51.3901	Licensed Practical/Vocational Nurse Training	5	5	100.00	6	4	66.67
	Subtotal			29	27	93.10	65	47	72.31
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	10	10	100.00	20	14	70.00
	Subtotal			10	10	100.00	20	14	70.00
Education	Degree	CIP	Description						
	AS	13.0101	Education, General	10	8	80.00	.	.	.
	CSC	19.0709	Child Care Provider/Assistant	1	1	100.00	.	.	.
	Subtotal			11	9	81.82	.	.	.
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	47.0105	Industrial Electronics Technology/Technician	5	5	100.00	11	7	63.64
	AS	30.0101	Biological and Physical Sciences	3	3	100.00	.	.	.
	CERT	48.0508	Welding Technology/Welder	2	0	0.00	7	5	71.43
	CSC	15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	1	1	100.00
	Subtotal			10	8	80.00	19	13	68.42

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=New River

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				327	281	85.93	394	291	73.86
Program Area	Degree	CIP	Description						
Health Care	AAS	51.1599	Mental and Social Health Services and Allied Professions, Other	21	17	80.95	37	26	70.27
		51.3801	Registered Nursing/Registered Nurse	31	31	100.00	37	35	94.59
	CERT	51.1599	Mental and Social Health Services and Allied Professions, Other	3	2	66.67	2	2	100.00
		51.3901	Licensed Practical/Vocational Nurse Training	5	4	80.00	13	10	76.92
	CSC	51.0707	Health Information/Medical Records Technology/Technician	2	2	100.00	18	13	72.22
		51.0799	Health and Medical Administrative Services, Other	.	.	.	2	0	0.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	1	50.00	.	.	.
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	35	29	82.86	52	36	69.23
		51.1599	Mental and Social Health Services and Allied Professions, Other	1	1	100.00	.	.	.
	Subtotal			100	87	87.00	161	122	75.78
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	28	23	82.14	46	32	69.57
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	22	14	63.64
	AS	11.0701	Computer Science	8	8	100.00	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	.	.	.	4	0	0.00
	Subtotal			36	31	86.11	72	46	63.89
Education	Degree	CIP	Description						
	AS	13.0101	Education, General	10	7	70.00	.	.	.
	CERT	19.0709	Child Care Provider/Assistant	3	0	0.00	.	.	.
	Subtotal			13	7	53.85	.	.	.
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	20	17	85.00	.	.	.
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	14	11	78.57	13	10	76.92
		47.0105	Industrial Electronics Technology/Technician	33	31	93.94	42	37	88.10
		48.0599	Precision Metal Working, Other	4	2	50.00	9	8	88.89
		52.0499	Business Operations Support and Secretarial Services, Other	27	22	81.48	27	21	77.78
	AS	14.0101	Engineering, General	13	12	92.31	.	.	.
		30.0101	Biological and Physical Sciences	15	14	93.33	.	.	.
	CERT	48.0508	Welding Technology/Welder	20	19	95.00	17	12	70.59
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	1	100.00	.	.	.
		15.0613	Manufacturing Engineering Technology/Technician	1	1	100.00	.	.	.
		15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	2	1	50.00
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1	1	100.00	.	.	.
		46.0302	Electrician	.	.	.	1	0	0.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9	7	77.78	2	2	100.00
		47.0604	Automobile/Automotive Mechanics Technology/Technician	1	1	100.00	2	2	100.00
		48.0508	Welding Technology/Welder	4	4	100.00	5	5	100.00
		48.0599	Precision Metal Working, Other	1	1	100.00	.	.	.

		52.0499	Business Operations Support and Secretarial Services, Other	1	1	100.00	1	1	100.00
	DIPL	47.0604	Automobile/Automotive Mechanics Technology/Technician	7	6	85.71	17	11	64.71
		48.0599	Precision Metal Working, Other	.	.	.	1	1	100.00
	Subtotal			172	151	87.79	139	111	79.86
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration						
				2	2	100.00	15	9	60.00
		43.0406	Forensic Science and Technology	3	2	66.67	7	3	42.86
	CSC	43.0103	Criminal Justice/Law Enforcement Administration						
				1	1	100.00	.	.	.
	Subtotal			6	5	83.33	22	12	54.55
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas									

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Northern Virginia

				Term			Annual			
				Denominator	Numerator		Denominator	Numerator		
				Sum	N	%	Sum	N	%	
Total				2,780	2,549	91.69	1,792	1,479	82.53	
Program Area	Degree	CIP	Description							
Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant							
		51.0602	Dental Hygiene/Hygienist	10	10	100.00	15	15	100.00	
		51.0707	Health Information/Medical Records Technology/Technician	22	21	95.45	25	25	100.00	
		51.0803	Occupational Therapist Assistant	2	2	100.00	3	2	66.67	
		51.0806	Physical Therapy Assistant	6	5	83.33	6	6	100.00	
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	18	17	94.44	13	13	100.00	
		51.0908	Respiratory Care Therapy/Therapist	6	5	83.33	5	1	20.00	
		51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	6	5	83.33	16	16	100.00	
		51.0911	Radiologic Technology/Science - Radiographer	13	13	100.00	17	17	100.00	
		51.1004	Clinical/Medical Laboratory Technician	33	32	96.97	21	21	100.00	
		51.3801	Registered Nursing/Registered Nurse	6	6	100.00	9	8	88.89	
		51.3801	Registered Nursing/Registered Nurse	47	45	95.74	79	75	94.94	
	CERT	51.0601	Dental Assisting/Assistant	1	1	100.00	8	8	100.00	
		51.1501	Substance Abuse/Addiction Counseling	7	6	85.71	12	7	58.33	
	CSC	51.0713	Medical Insurance Coding Specialist/Coder	.	.	.	1	0	0.00	
		51.1009	Phlebotomy Technician/Phlebotomist	.	.	.	8	6	75.00	
	Subtotal				177	168	94.92	238	220	92.44
Information Technology	AAS	11.0101	Computer and Information Sciences, General							
		11.0103	Information Technology	123	115	93.50	.	.	.	
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	.	.	186	145	77.96	
	AS	11.0103	Information Technology	633	585	92.42	941	800	85.02	
		11.0701	Computer Science	502	467	93.03	.	.	.	
	CSC	11.0101	Computer and Information Sciences, General	459	419	91.29	.	.	.	
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	25	23	92.00	10	6	60.00	
		11.1001	Network and System Administration/Administrator	4	2	50.00	9	7	77.78	
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	.	.	1	1	100.00	
		11.1099	Computer/Information Technology Services Administration and Management, Other	.	.	.	32	25	78.13	
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	12	9	75.00	
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	21	16	76.19	.	.	.	
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	21	16	76.19	.	.	.	
	Subtotal				1,767	1,627	92.08	1,191	993	83.38
	Education	AAS	19.0709	Child Care Provider/Assistant	38	31	81.58	100	72	72.00
13.0101			Education, General	120	108	90.00	.	.	.	
CERT		19.0709	Child Care Provider/Assistant	7	6	85.71	10	6	60.00	
CSC		13.0101	Education, General	2	2	100.00	4	3	75.00	
		13.1210	Early Childhood Education and Teaching	.	.	.	2	1	50.00	
		19.0709	Child Care Provider/Assistant	2	2	100.00	.	.	.	
		19.0799	Human Development, Family Studies, and Related Services, Other	.	.	.	2	1	50.00	
Subtotal				169	149	88.17	118	83	70.34	
Skilled Trades, Manufacturing & Construction		AAS	15.0000	Engineering Technologies/Technicians, General						
	15.0001		Applied Engineering Technologies/Technicians	17	17	100.00	9	8	88.89	
	41.0101		Biology/Biotechnology Technology/Technician	.	.	.	11	10	90.91	
	41.0101		Biology/Biotechnology Technology/Technician	.	.	.	11	10	90.91	
	46.0000		Construction Trades, General	6	4	66.67	4	3	75.00	
Subtotal				27	24	88.89	.	.	.	

		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	34	30	88.24	42	28	66.67
		47.0604	Automobile/Automotive Mechanics Technology/Technician	52	43	82.69	64	50	78.13
		52.2001	Construction Management, General	.	.	.	42	36	85.71
	AS	14.0101	Engineering, General	336	316	94.05	.	.	.
	CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	1	50.00	8	3	37.50
	CSC	15.0000	Engineering Technologies/Technicians, General	2	1	50.00	4	2	50.00
		15.0201	Civil Engineering Technologies/Technicians	1	1	100.00	1	0	0.00
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2	2	100.00	4	3	75.00
		15.9999	Engineering/Engineering-Related Technologies/Technicians, Other	.	.	.	3	2	66.67
		41.0101	Biology/Biotechnology Technology/Technician	1	1	100.00	.	.	.
		46.0000	Construction Trades, General	3	3	100.00	.	.	.
		46.0412	Building/Construction Site Management/Manager	.	.	.	6	4	66.67
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3	3	100.00	4	3	75.00
		47.0603	Autobody/Collision and Repair Technology/Technician	.	.	.	2	1	50.00
		47.0604	Automobile/Automotive Mechanics Technology/Technician	1	1	100.00	5	2	40.00
		47.0605	Diesel Mechanics Technology/Technician	3	2	66.67	2	2	100.00
		47.0699	Vehicle Maintenance and Repair Technologies/Technicians, Other	.	.	.	2	1	50.00
		48.0508	Welding Technology/Welder	1	1	100.00	4	1	25.00
		Subtotal		491	450	91.65	217	159	73.27
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	18	14	77.78	27	23	85.19
	AS	43.0104	Criminal Justice/Safety Studies	155	140	90.32	.	.	.
	CERT	43.0103	Criminal Justice/Law Enforcement Administration	2	1	50.00	.	.	.
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	1	0	0.00	.	.	.
		43.0199	Corrections and Criminal Justice, Other	.	.	.	1	1	100.00
	Subtotal			176	155	88.07	28	24	85.71

Source: M:\A AB\g3\annual_report\2025\programs\g3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Patrick & Henry

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				182	158	86.81	256	208	81.25
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0806	Physical Therapy Assistant	16	15	93.75	26	26	100.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)						
		51.3801	Registered Nursing/Registered Nurse	11	11	100.00	6	5	83.33
		51.3501	Massage Therapy/Therapeutic Massage	5	4	80.00	15	15	100.00
	CERT	51.3901	Licensed Practical/Vocational Nurse Training	1	1	100.00	2	2	100.00
	CSC	51.0799	Health and Medical Administrative Services, Other	.	.	.	1	0	0.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	.	.	1	1	100.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	.	.	2	0	0.00
		51.3801	Registered Nursing/Registered Nurse	.	.	.	1	1	100.00
		51.3901	Licensed Practical/Vocational Nurse Training	22	15	68.18	28	20	71.43
				.	.	.			
				.	.	.	1	0	0.00
	Subtotal			55	46	83.64	83	70	84.34
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	13	11	84.62	16	8	50.00
	CSC	11.0101	Computer and Information Sciences, General	.	.	.	1	1	100.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician						
	Subtotal			3	2	66.67	4	3	75.00
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	9	8	88.89	26	21	80.77
	AS	13.0101	Education, General	8	7	87.50	.	.	.
	CERT	19.0709	Child Care Provider/Assistant	4	1	25.00	2	0	0.00
	Subtotal			21	16	76.19	28	21	75.00
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0000	Engineering Technologies/Technicians, General	10	10	100.00	21	18	85.71
		15.0612	Industrial Technology/Technician	28	28	100.00	15	13	86.67
		47.0105	Industrial Electronics Technology/Technician	18	15	83.33	44	39	88.64
		52.0499	Business Operations Support and Secretarial Services, Other	1	1	100.00	4	3	75.00
				14	12	85.71	.	.	.
	AS	30.0101	Biological and Physical Sciences						
	CERT	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	.	.	5	5	100.00
		48.0508	Welding Technology/Welder	5	5	100.00	11	7	63.64
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	4	4	100.00	.	.	.
		47.0604	Automobile/Automotive Mechanics Technology/Technician	.	.	.	3	3	100.00
		48.0508	Welding Technology/Welder	.	.	.	5	3	60.00
				80	75	93.75	108	91	84.26
	Subtotal								
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	10	8	80.00	16	14	87.50
	Subtotal			10	8	80.00	16	14	87.50

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Paul D. Camp

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				33	21	63.64	62	44	70.97
Program Area	Degree	CIP	Description						
Health Care	AAS	51.3801	Registered Nursing/Registered Nurse	8	7	87.50	15	14	93.33
	CERT	51.3901	Licensed Practical/Vocational Nurse Training	2	2	100.00	4	3	75.00
	CSC	51.0799	Health and Medical Administrative Services, Other	.	.	.	7	3	42.86
		51.1004	Clinical/Medical Laboratory Technician	1	1	100.00	.	.	.
		51.3801	Registered Nursing/Registered Nurse	4	0	0.00	6	5	83.33
	Subtotal			15	10	66.67	32	25	78.13
	Degree	CIP	Description						
Information Technology	AS	11.0701	Computer Science	1	0	0.00	.	.	.
	CSC	11.0101	Computer and Information Sciences, General	.	.	.	2	2	100.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	0	0.00	1	0	0.00
	Subtotal			2	0	0.00	3	2	66.67
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	4	2	50.00	13	11	84.62
	CERT	19.0709	Child Care Provider/Assistant	.	.	.	1	0	0.00
Subtotal				4	2	50.00	14	11	78.57
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0699	Industrial Production Technologies/Technicians, Other	4	3	75.00	1	1	100.00
	CERT	46.0302	Electrician	1	1	100.00	1	0	0.00
	CSC	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	1	50.00	2	1	50.00
		48.0508	Welding Technology/Welder	1	0	0.00	3	2	66.67
	Subtotal			8	5	62.50	7	4	57.14
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	4	4	100.00	6	2	33.33
Subtotal				4	4	100.00	6	2	33.33

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Piedmont Virginia

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				143	129	90.21	166	137	82.53
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)						
				4	3	75.00	6	4	66.67
		51.0909	Surgical Technology/Technologist	3	2	66.67	8	8	100.00
		51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician						
		51.0911	Radiologic Technology/Science - Radiographer	6	6	100.00	10	10	100.00
		51.1004	Clinical/Medical Laboratory Technician	5	4	80.00	10	10	100.00
	CERT	51.3801	Registered Nursing/Registered Nurse	.	.	.	2	2	100.00
		51.0799	Health and Medical Administrative Services, Other	45	45	100.00	48	46	95.83
		51.3901	Licensed Practical/Vocational Nurse Training	3	3	100.00	5	2	40.00
				4	4	100.00	14	14	100.00
	CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)						
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	1	0	0.00	2	1	50.00
	Subtotal			73	69	94.52	107	98	91.59
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General						
	AS	11.0701	Computer Science	19	15	78.95	29	19	65.52
	CSC	11.0101	Computer and Information Sciences, General	14	12	85.71	.	.	.
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	1	1	100.00	2	2	100.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	1	1	100.00
	Subtotal			.	.	.	2	0	0.00
Education	Degree	CIP	Description	34	28	82.35	34	22	64.71
	AS	13.0101	Education, General	6	6	100.00	.	.	.
	CSC	19.0709	Child Care Provider/Assistant	2	1	50.00	7	4	57.14
	Subtotal			8	7	87.50	7	4	57.14
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	4	3	75.00	6	5	83.33
		47.0105	Industrial Electronics Technology/Technician						
	AS	14.0101	Engineering, General	1	1	100.00	5	4	80.00
	CSC	15.0699	Industrial Production Technologies/Technicians, Other	16	15	93.75	.	.	.
	Subtotal			1	0	0.00	1	0	0.00
Public Safety	Degree	CIP	Description	22	19	86.36	12	9	75.00
	AAS	43.0103	Criminal Justice/Law Enforcement Administration						
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	3	3	100.00	5	3	60.00
	Subtotal			.	.	.	1	1	100.00
Hospitality & Culinary Arts	Degree	CIP	Description	3	3	100.00	6	4	66.67
	AAS	12.0500	Cooking and Related Culinary Arts, General						
	Subtotal			3	3	100.00	.	.	.

Source: M:\A_AB\g3\annual_report\2025\programs\g3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Rappahannock

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				82	66	80.49	154	121	78.57
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician						
		51.3801	Registered Nursing/Registered Nurse	3	3	100.00	4	3	75.00
	CERT	51.3901	Licensed Practical/Vocational Nurse Training	22	16	72.73	43	40	93.02
				9	9	100.00	25	23	92.00
	CSC	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)						
		51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	4	1	25.00	7	3	42.86
				13	10	76.92	12	10	83.33
		51.1004	Clinical/Medical Laboratory Technician	3	1	33.33	.	.	.
		51.3801	Registered Nursing/Registered Nurse	17	15	88.24	41	30	73.17
		51.3901	Licensed Practical/Vocational Nurse Training						
	Subtotal			3	3	100.00	3	1	33.33
				74	58	78.38	135	110	81.48
Information Technology	Degree	CIP	Description						
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician						
Subtotal			.	.	.	9	4	44.44	
			.	.	.	9	4	44.44	
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0000	Engineering Technologies/Technicians, General						
	CSC	47.0105	Industrial Electronics Technology/Technician	1	1	100.00	1	0	0.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1	1	100.00	.	.	.
				.	.	.	2	1	50.00
		47.0605	Diesel Mechanics Technology/Technician	1	1	100.00	1	1	100.00
Subtotal			3	3	100.00	4	2	50.00	
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration						
	CERT	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	3	2	66.67
				.	.	.	1	1	100.00
	CSC	43.0103	Criminal Justice/Law Enforcement Administration						
	Subtotal			5	5	100.00	2	2	100.00
			5	5	100.00	6	5	83.33	

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Southside Virginia

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				91	72	79.12	158	118	74.68
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	7	3	42.86	10	6	60.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	17	16	94.12	24	15	62.50
		51.3801	Registered Nursing/Registered Nurse	10	6	60.00	19	18	94.74
	CERT	51.1501	Substance Abuse/Addiction Counseling	2	2	100.00	1	1	100.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	.	.	.	2	2	100.00
		51.3901	Licensed Practical/Vocational Nurse Training	13	10	76.92	15	9	60.00
	CSC	51.0799	Health and Medical Administrative Services, Other	2	2	100.00	5	4	80.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	0	0.00	2	0	0.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2	2	100.00	1	1	100.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	1	1	100.00	4	3	75.00
				55	42	76.36	83	59	71.08
	Subtotal								
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	9	5	55.56	12	9	75.00
		11.0901	Computer Systems Networking and Telecommunications	5	5	100.00	6	5	83.33
	CERT	11.0101	Computer and Information Sciences, General	.	.	.	1	0	0.00
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	0	0.00	4	3	75.00
	Subtotal			15	10	66.67	23	17	73.91
Education	Degree	CIP	Description						
	CSC	19.0709	Child Care Provider/Assistant	.	.	.	2	1	50.00
Skilled Trades, Manufacturing & Construction	Subtotal			.	.	.	2	1	50.00
	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	1	1	100.00	3	3	100.00
		52.0499	Business Operations Support and Secretarial Services, Other	4	4	100.00	18	13	72.22
	CERT	46.0302	Electrician	2	1	50.00	2	2	100.00
		47.0604	Automobile/Automotive Mechanics Technology/Technician	.	.	.	4	4	100.00
		48.0508	Welding Technology/Welder	1	1	100.00	1	1	100.00
	CSC	46.0302	Electrician	.	.	.	1	1	100.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1	1	100.00	1	0	0.00
		47.0604	Automobile/Automotive Mechanics Technology/Technician	1	1	100.00	4	2	50.00
		48.0508	Welding Technology/Welder	.	.	.	2	2	100.00
Public Safety	Subtotal			10	9	90.00	36	28	77.78
	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	10	10	100.00	13	12	92.31
				1	1	100.00	.	.	.
	CERT	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	1	1	100.00
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	1	1	100.00
Subtotal				11	11	100.00	14	13	92.86

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Southwest Virginia

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				352	291	82.67	447	292	65.32
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0803	Occupational Therapist Assistant	8	8	100.00	13	12	92.31
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	19	12	63.16	32	10	31.25
		51.0911	Radiologic Technology/Science - Radiographer	3	2	66.67	7	7	100.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	41	32	78.05	42	28	66.67
		51.3801	Registered Nursing/Registered Nurse	23	21	91.30	23	21	91.30
	AS	30.0101	Biological and Physical Sciences	15	15	100.00	.	.	.
	CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	57	42	73.68	96	57	59.38
		51.1501	Substance Abuse/Addiction Counseling	1	0	0.00	6	4	66.67
		51.1599	Mental and Social Health Services and Allied Professions, Other	3	2	66.67	7	3	42.86
		51.3901	Licensed Practical/Vocational Nurse Training	7	6	85.71	25	24	96.00
	CSC	51.0707	Health Information/Medical Records Technology/Technician	10	10	100.00	24	16	66.67
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	.	.	2	1	50.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	4	4	100.00	4	3	75.00
		51.1004	Clinical/Medical Laboratory Technician	3	3	100.00	5	2	40.00
	Subtotal			194	157	80.93	286	188	65.73
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	17	15	88.24	21	15	71.43
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	13	10	76.92
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5	4	80.00	18	13	72.22
	Subtotal			22	19	86.36	52	38	73.08
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	19	17	89.47	45	30	66.67
	AS	13.0101	Education, General	26	20	76.92	.	.	.
	CSC	19.0709	Child Care Provider/Assistant	14	11	78.57	23	12	52.17
Skilled Trades, Manufacturing & Construction	Subtotal			59	48	81.36	68	42	61.76
	Degree	CIP	Description						
	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	1	1	100.00	.	.	.
	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	10	9	90.00	.	.	.
		15.0612	Industrial Technology/Technician	2	2	100.00	.	.	.
		15.0901	Mining Technology/Technician	6	5	83.33	.	.	.
		14.0101	Engineering, General	7	7	100.00	.	.	.
	AS	30.0101	Biological and Physical Sciences	14	10	71.43	.	.	.
	CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	1	50.00	5	1	20.00
	CSC	14.0101	Engineering, General	1	1	100.00	.	.	.
		15.0613	Manufacturing Engineering Technology/Technician	.	.	.	1	0	0.00
		15.0699	Industrial Production Technologies/Technicians, Other	8	8	100.00	3	2	66.67
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	1	50.00	3	2	66.67
		47.0604	Automobile/Automotive Mechanics Technology/Technician	3	3	100.00	3	1	33.33
		48.0508	Welding Technology/Welder	2	2	100.00	4	4	100.00
	Dipl	48.0508	Welding Technology/Welder	6	6	100.00	4	2	50.00
	Subtotal			64	56	87.50	23	12	52.17

Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration						
				5	4	80.00		17	11
	CERT	43.0103	Criminal Justice/Law Enforcement Administration						
				2	2	100.00		1	1
	Subtotal			7	6	85.71		18	12
Hospitality & Culinary Arts	Degree	CIP	Description						
	AAS	12.0500	Cooking and Related Culinary Arts, General						
				6	5	83.33		.	.
	Subtotal			6	5	83.33		.	.
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas									

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Tidewater

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				1,106	947	85.62	1,094	778	71.12
Program Area	Degree	CIP	Description						
Health Care	AAS	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant						
				11	11	100.00	23	21	91.30
		51.0707	Health Information/Medical Records Technology/Technician	9	8	88.89	25	17	68.00
		51.0803	Occupational Therapist Assistant	10	10	100.00	14	14	100.00
		51.0806	Physical Therapy Assistant	14	11	78.57	15	13	86.67
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	25	17	68.00	37	16	43.24
		51.0908	Respiratory Care Therapy/Therapist	13	13	100.00	17	15	88.24
		51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician						
		51.0911	Radiologic Technology/Science - Radiographer	3	3	100.00	13	12	92.31
				7	5	71.43	26	23	88.46
		51.1004	Clinical/Medical Laboratory Technician	2	2	100.00	7	5	71.43
		51.1599	Mental and Social Health Services and Allied Professions, Other	30	25	83.33	65	40	61.54
		51.3801	Registered Nursing/Registered Nurse	41	39	95.12	56	53	94.64
	CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	149	114	76.51	183	107	58.47
		51.3901	Licensed Practical/Vocational Nurse Training	4	4	100.00	4	3	75.00
	CSC	01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	1	1	100.00	3	0	0.00
		51.0799	Health and Medical Administrative Services, Other	1	1	100.00	4	2	50.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2	2	100.00	6	6	100.00
		51.3901	Licensed Practical/Vocational Nurse Training	.	.	.	43	25	58.14
		Subtotal		322	266	82.61	541	372	68.76
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	25	20	80.00	52	38	73.08
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	10	8	80.00	14	12	85.71
		11.1003	Computer and Information Systems Security/Auditing/Information Assurance	127	112	88.19	152	113	74.34
	AS	11.0701	Computer Science	98	84	85.71	.	.	.
	CERT	11.0101	Computer and Information Sciences, General	.	.	.	13	5	38.46
	CSC	11.0101	Computer and Information Sciences, General	4	4	100.00	3	2	66.67
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	1	0	0.00	1	1	100.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8	6	75.00	13	8	61.54
	Subtotal			273	234	85.71	248	179	72.18
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	52	45	86.54	54	36	66.67
	AS	13.0101	Education, General	6	6	100.00	.	.	.
	CERT	19.0709	Child Care Provider/Assistant	1	1	100.00	3	2	66.67
	CSC	19.0709	Child Care Provider/Assistant	1	1	100.00	2	1	50.00
	Subtotal			60	53	88.33	59	39	66.10
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0000	Engineering Technologies/Technicians, General	3	3	100.00	.	.	.
		15.0201	Civil Engineering Technologies/Technicians	7	6	85.71	7	7	100.00
		15.0612	Industrial Technology/Technician	.	.	.	1	1	100.00

		15.0613	Manufacturing Engineering Technology/Technician	6	5	83.33	8	7	87.50	
		15.0699	Industrial Production Technologies/Technicians, Other	1	1	100.00	3	1	33.33	
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	3	3	100.00	6	6	100.00	
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	19	18	94.74	21	18	85.71	
		46.0302	Electrician	12	9	75.00	11	9	81.82	
		47.0000	Mechanics and Repairers, General	6	5	83.33	7	3	42.86	
		47.0105	Industrial Electronics Technology/Technician	1	1	100.00	5	4	80.00	
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	12	11	91.67	9	7	77.78	
		47.0604	Automobile/Automotive Mechanics Technology/Technician	33	32	96.97	39	33	84.62	
		47.0605	Diesel Mechanics Technology/Technician	6	6	100.00	5	4	80.00	
	AS	14.0101	Engineering, General	35	29	82.86	.	.	.	
	CERT	30.0101	Biological and Physical Sciences	173	149	86.13	.	.	.	
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3	3	100.00	1	1	100.00	
		46.0302	Electrician	1	1	100.00	5	0	0.00	
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	3	1	33.33	3	1	33.33	
	CSC	48.0508	Welding Technology/Welder	5	3	60.00	5	3	60.00	
		15.0201	Civil Engineering Technologies/Technicians	1	0	0.00	.	.	.	
		15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	2	1	50.00	
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	6	6	100.00	4	3	75.00	
		46.0000	Construction Trades, General	2	2	100.00	1	1	100.00	
		46.0302	Electrician	.	.	.	1	1	100.00	
		47.0603	Autobody/Collision and Repair Technology/Technician	.	.	.	1	1	100.00	
		47.0604	Automobile/Automotive Mechanics Technology/Technician	.	.	.	1	1	100.00	
	Subtotal	48.0508	Welding Technology/Welder	1	0	0.00	2	1	50.00	
					339	294	86.73	148	114	77.03
	Public Safety	Degree	CIP	Description						
		AAS	43.0103	Criminal Justice/Law Enforcement Administration	61	54	88.52	87	67	77.01
			43.0203	Fire Science/Fire-fighting	8	8	100.00	8	6	75.00
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	1	0	0.00
			43.0406	Forensic Science and Technology	1	0	0.00	2	1	50.00
		Subtotal				70	62	88.57	98	74	75.51
	Hospitality & Culinary Arts	Degree	CIP	Description						
		AAS	12.0500	Cooking and Related Culinary Arts, General	34	30	88.24	.	.	.
			52.0901	Hospitality Administration/Management, General	8	8	100.00	.	.	.
		Subtotal				42	38	90.48	.	.
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas										

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Virginia Highlands

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				182	150	82.42	244	175	71.72
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	.	.	16	8	50.00
		51.0911	Radiologic Technology/Science - Radiographer	2	2	100.00	5	5	100.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	10	8	80.00	.	.	.
		51.3801	Registered Nursing/Registered Nurse	16	16	100.00	41	37	90.24
	CERT	51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	34	25	73.53	62	31	50.00
		51.3901	Licensed Practical/Vocational Nurse Training	.	.	.	7	5	71.43
	CSC	51.0707	Health Information/Medical Records Technology/Technician	12	9	75.00	25	16	64.00
		51.0801	Medical/Clinical Assistant	9	9	100.00	11	11	100.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	4	1	25.00	.	.	.
		51.3901	Licensed Practical/Vocational Nurse Training	1	0	0.00	.	.	.
	Subtotal			88	70	79.55	167	113	67.66
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	4	3	75.00	7	6	85.71
	AS	11.0701	Computer Science	5	3	60.00	.	.	.
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	1	100.00	5	3	60.00
	Subtotal			10	7	70.00	12	9	75.00
Education	Degree	CIP	Description						
	AA&S	24.0101	Liberal Arts and Sciences/Liberal Studies	2	1	50.00	.	.	.
	CSC	19.0709	Child Care Provider/Assistant	.	.	.	3	1	33.33
	Subtotal			2	1	50.00	3	1	33.33
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	2	2	100.00	1	1	100.00
		46.0302	Electrician	18	17	94.44	15	9	60.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	11	8	72.73	14	14	100.00
		48.0599	Precision Metal Working, Other	5	5	100.00	3	3	100.00
	AS	14.0101	Engineering, General	1	0	0.00	.	.	.
		30.0101	Biological and Physical Sciences	14	12	85.71	.	.	.
	CERT	46.0302	Electrician	1	1	100.00	.	.	.
		52.0499	Business Operations Support and Secretarial Services, Other	1	1	100.00	.	.	.
	CSC	15.0613	Manufacturing Engineering Technology/Technician	.	.	.	1	1	100.00
		15.0699	Industrial Production Technologies/Technicians, Other	.	.	.	1	1	100.00
		46.0302	Electrician	.	.	.	1	1	100.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	.	.	.	1	1	100.00
		47.0605	Diesel Mechanics Technology/Technician	13	12	92.31	9	8	88.89
		48.0508	Welding Technology/Welder	11	10	90.91	9	7	77.78
		48.0599	Precision Metal Working, Other	1	1	100.00	2	2	100.00
	Subtotal			78	69	88.46	57	48	84.21
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	4	3	75.00	5	4	80.00
	Subtotal			4	3	75.00	5	4	80.00

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Virginia Peninsula

				Term			Annual			
				Denominator	Numerator		Denominator	Numerator		
				Sum	N	%	Sum	N	%	
Total				246	197	80.08	206	151	73.30	
Program Area	Degree	CIP	Description							
Health Care	AAS	51.0602	Dental Hygiene/Hygienist	.	.	.	6	6	100.00	
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	1	50.00	11	6	54.55	
		51.1599	Mental and Social Health Services and Allied Professions, Other	34	28	82.35	40	28	70.00	
		51.3801	Registered Nursing/Registered Nurse	15	13	86.67	19	16	84.21	
	CSC	51.0799	Health and Medical Administrative Services, Other	.	.	.	1	1	100.00	
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3	1	33.33	.	.	.	
		51.1599	Mental and Social Health Services and Allied Professions, Other	3	1	33.33	3	3	100.00	
	Subtotal			57	44	77.19	80	60	75.00	
	Information Technology	Degree	CIP	Description						
		AAS	11.0101	Computer and Information Sciences, General	37	35	94.59	48	33	68.75
15.0303			Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	.	1	0	0.00	
AS		11.0103	Information Technology	30	25	83.33	.	.	.	
		11.0701	Computer Science	14	11	78.57	.	.	.	
CSC		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	1	100.00	1	0	0.00	
		Subtotal			82	72	87.80	50	33	66.00
Education		Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	19	15	78.95	22	18	81.82	
	CERT	19.0709	Child Care Provider/Assistant	1	1	100.00	.	.	.	
Subtotal				20	16	80.00	22	18	81.82	
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description							
	AAS	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	2	0	0.00	.	.	.	
		15.0612	Industrial Technology/Technician	7	5	71.43	8	6	75.00	
		15.0899	Mechanical Engineering Related Technologies/Technicians, Other	9	7	77.78	5	3	60.00	
		15.1302	CAD/CADD Drafting and/or Design Technology/Technician	4	4	100.00	4	4	100.00	
		47.0604	Automobile/Automotive Mechanics Technology/Technician	7	3	42.86	10	4	40.00	
		AS	14.0101	Engineering, General	3	3	100.00	.	.	.
	AS	30.0101	Biological and Physical Sciences	41	32	78.05	.	.	.	
		CERT	47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1	1	100.00	.	.	.
			47.0604	Automobile/Automotive Mechanics Technology/Technician	1	0	0.00	1	0	0.00
	Subtotal			75	55	73.33	28	17	60.71	
	Public Safety	Degree	CIP	Description						
		AAS	43.0103	Criminal Justice/Law Enforcement Administration	9	8	88.89	23	20	86.96
			43.0203	Fire Science/Fire-fighting	3	2	66.67	2	2	100.00
		CSC	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	1	1	100.00
Subtotal			12	10	83.33	26	23	88.46		

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Virginia Western

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				587	491	83.65	561	422	75.22
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0602	Dental Hygiene/Hygienist	22	20	90.91	31	28	90.32
		51.0806	Physical Therapy Assistant	15	15	100.00	19	18	94.74
		51.0907	Medical Radiologic Technology/Science - Radiation Therapist	9	9	100.00	13	12	92.31
		51.0909	Surgical Technology/Technologist	15	15	100.00	9	7	77.78
		51.0911	Radiologic Technology/Science - Radiographer						
		51.1004	Clinical/Medical Laboratory Technician	17	17	100.00	13	13	100.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	5	5	100.00	5	5	100.00
		51.3801	Registered Nursing/Registered Nurse	23	18	78.26	30	25	83.33
	AS	30.0101	Biological and Physical Sciences	21	21	100.00	42	35	83.33
		51.3901	Licensed Practical/Vocational Nurse Training	21	16	76.19	.	.	.
	CERT								
				6	6	100.00	15	14	93.33
	CSC	51.0602	Dental Hygiene/Hygienist	13	8	61.54	23	15	65.22
		51.0707	Health Information/Medical Records Technology/Technician	10	10	100.00	21	18	85.71
		51.0799	Health and Medical Administrative Services, Other	2	2	100.00	2	1	50.00
		51.0803	Occupational Therapist Assistant	1	0	0.00	.	.	.
		51.0806	Physical Therapy Assistant	7	6	85.71	8	6	75.00
		51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	6	2	33.33	4	1	25.00
		51.0907	Medical Radiologic Technology/Science - Radiation Therapist	6	5	83.33	8	5	62.50
		51.0909	Surgical Technology/Technologist	4	2	50.00	1	0	0.00
		51.0911	Radiologic Technology/Science - Radiographer						
				33	28	84.85	28	18	64.29
		51.1004	Clinical/Medical Laboratory Technician	4	2	50.00	15	7	46.67
		51.3801	Registered Nursing/Registered Nurse	43	34	79.07	56	36	64.29
		51.3901	Licensed Practical/Vocational Nurse Training						
				1	1	100.00	11	5	45.45
	Subtotal			284	242	85.21	354	269	75.99
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General						
				40	28	70.00	66	51	77.27
	AS	11.0701	Computer Science	27	20	74.07	.	.	.
		30.0101	Biological and Physical Sciences	7	5	71.43	.	.	.
	CSC	11.0101	Computer and Information Sciences, General						
				2	1	50.00	2	2	100.00
		11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	.	.	4	1	25.00
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician						
				7	5	71.43	6	4	66.67
	Subtotal			83	59	71.08	78	58	74.36
Education	Degree	CIP	Description						
	AAS	19.0709	Child Care Provider/Assistant	13	10	76.92	19	15	78.95
	CSC	19.0709	Child Care Provider/Assistant	.	.	.	5	4	80.00
	Subtotal			13	10	76.92	24	19	79.17
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	1	1	100.00	7	5	71.43
		15.0613	Manufacturing Engineering Technology/Technician						
				22	20	90.91	29	23	79.31
		52.0499	Business Operations Support and Secretarial Services, Other	10	10	100.00	13	11	84.62
	AS	14.0101	Engineering, General	54	48	88.89	.	.	.
		30.0101	Biological and Physical Sciences	55	45	81.82	.	.	.
	CSC	15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician						
				1	1	100.00	.	.	.
		46.0000	Construction Trades, General	2	2	100.00	2	1	50.00
		46.0302	Electrician	9	7	77.78	7	5	71.43

		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	8	8	100.00	13	8	61.54
		47.0604	Automobile/Automotive Mechanics Technology/Technician	4	3	75.00	7	3	42.86
		48.0508	Welding Technology/Welder	10	9	90.00	14	11	78.57
	Subtotal			176	154	87.50	92	67	72.83
Public Safety	Degree	CIP	Description						
	AAS	43.0103	Criminal Justice/Law Enforcement Administration	10	8	80.00	11	7	63.64
	CSC	43.0103	Criminal Justice/Law Enforcement Administration	.	.	.	2	2	100.00
	Subtotal			10	8	80.00	13	9	69.23
Hospitality & Culinary Arts	Degree	CIP	Description						
	AAS	12.0500	Cooking and Related Culinary Arts, General	20	17	85.00	.	.	.
	CSC	52.0901	Hospitality Administration/Management, General	1	1	100.00	.	.	.
	Subtotal			21	18	85.71	.	.	.
Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas									

Appendix 8: AY 2024 G3 retention rates by area of study by college

COLLEGE=Wytheville

				Term			Annual		
				Denominator	Numerator		Denominator	Numerator	
				Sum	N	%	Sum	N	%
Total				156	129	82.69	215	178	82.79
Program Area	Degree	CIP	Description						
Health Care	AAS	51.0602	Dental Hygiene/Hygienist	10	8	80.00	12	10	83.33
		51.0806	Physical Therapy Assistant	4	4	100.00	11	8	72.73
		51.1004	Clinical/Medical Laboratory Technician	2	2	100.00	6	6	100.00
		51.3801	Registered Nursing/Registered Nurse	6	4	66.67	25	20	80.00
	CERT	51.0799	Health and Medical Administrative Services, Other	3	2	66.67	5	2	40.00
		51.3901	Licensed Practical/Vocational Nurse Training	13	10	76.92	15	13	86.67
	CSC	51.0707	Health Information/Medical Records Technology/Technician	5	4	80.00	14	11	78.57
		51.0805	Pharmacy Technician/Assistant	.	.	.	10	9	90.00
		51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	6	6	100.00	.	.	.
		51.1004	Clinical/Medical Laboratory Technician	1	0	0.00	4	3	75.00
		51.1599	Mental and Social Health Services and Allied Professions, Other	.	.	.	2	2	100.00
	Subtotal			50	40	80.00	104	84	80.77
Information Technology	Degree	CIP	Description						
	AAS	11.0101	Computer and Information Sciences, General	14	10	71.43	23	19	82.61
	CSC	11.0101	Computer and Information Sciences, General	1	1	100.00	.	.	.
		15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	0	0.00	1	1	100.00
	Subtotal			16	11	68.75	24	20	83.33
Skilled Trades, Manufacturing & Construction	Degree	CIP	Description						
	AAS	15.0612	Industrial Technology/Technician	30	28	93.33	14	11	78.57
		48.0599	Precision Metal Working, Other	11	11	100.00	15	15	100.00
	CERT	52.0499	Business Operations Support and Secretarial Services, Other	1	0	0.00	1	1	100.00
	CSC	46.0000	Construction Trades, General	1	1	100.00	1	1	100.00
		46.0302	Electrician	7	6	85.71	2	2	100.00
		47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	2	100.00	3	2	66.67
		48.0508	Welding Technology/Welder	1	1	100.00	7	4	57.14
		52.0499	Business Operations Support and Secretarial Services, Other	1	0	0.00	.	.	.
	DIPL	46.0000	Construction Trades, General	16	13	81.25	20	20	100.00
	Subtotal			70	62	88.57	63	56	88.89
Public Safety	Degree	CIP	Description						
	AAS	43.0102	Corrections	.	.	.	1	1	100.00
		43.0103	Criminal Justice/Law Enforcement Administration	19	15	78.95	22	16	72.73
	CSC	22.0302	Legal Assistant/Paralegal	1	1	100.00	1	1	100.00
	Subtotal			20	16	80.00	24	18	75.00

Source: M:\A_AB\lg3\annual_report\2025\programs\lg3_performance_2425.sas

Appendix 9: AY 2024 G3 retention rates by income level by college

		Term			Annual		
		Denominator	Numerator		Denominator	Numerator	
		Sum	N	%	Sum	N	%
VCCS	< 100% FPL	2,886	2,466	85.45	2,874	2,128	74.04
	100% - 199% FPL	2,303	2,023	87.84	2,281	1,785	78.26
	200% - 299% FPL	1,790	1,539	85.98	2,409	1,828	75.88
	300% - 399% FPL	2,020	1,738	86.04	1,708	1,322	77.40
	Total	8,999	7,766	86.30	9,272	7,063	76.18
Blue Ridge	< 100% FPL	66	47	71.21	47	33	70.21
	100% - 199% FPL	88	76	86.36	68	57	83.82
	200% - 299% FPL	99	85	85.86	96	80	83.33
	300% - 399% FPL	89	78	87.64	67	61	91.04
	Total	342	286	83.63	278	231	83.09
Brightpoint	< 100% FPL	192	162	84.38	167	118	70.66
	100% - 199% FPL	114	96	84.21	137	105	76.64
	200% - 299% FPL	104	90	86.54	182	128	70.33
	300% - 399% FPL	151	123	81.46	138	99	71.74
	Total	561	471	83.96	624	450	72.12
Central Virginia	< 100% FPL	48	36	75.00	81	59	72.84
	100% - 199% FPL	45	38	84.44	67	53	79.10
	200% - 299% FPL	52	47	90.38	80	64	80.00
	300% - 399% FPL	43	34	79.07	62	49	79.03
	Total	188	155	82.45	290	225	77.59
Danville	< 100% FPL	91	77	84.62	133	100	75.19
	100% - 199% FPL	61	54	88.52	89	71	79.78
	200% - 299% FPL	37	31	83.78	60	48	80.00
	300% - 399% FPL	30	26	86.67	35	32	91.43
	Total	219	188	85.84	317	251	79.18
Eastern Shore	< 100% FPL	18	17	94.44	29	23	79.31
	100% - 199% FPL	19	17	89.47	21	16	76.19
	200% - 299% FPL	23	21	91.30	12	10	83.33
	300% - 399% FPL	7	7	100.00	4	3	75.00
	Total	67	62	92.54	66	52	78.79
Germanna	< 100% FPL	78	62	79.49	115	94	81.74
	100% - 199% FPL	55	46	83.64	129	102	79.07
	200% - 299% FPL	59	50	84.75	159	123	77.36
	300% - 399% FPL	78	69	88.46	133	100	75.19
	Total	270	227	84.07	536	419	78.17
J. Sargeant Reynolds	< 100% FPL	203	170	83.74	197	137	69.54
	100% - 199% FPL	138	114	82.61	186	136	73.12
	200% - 299% FPL	116	105	90.52	195	147	75.38
	300% - 399% FPL	98	73	74.49	117	89	76.07
	Total	555	462	83.24	695	509	73.24
Laurel Ridge	< 100% FPL	27	24	88.89	59	45	76.27
	100% - 199% FPL	24	24	100.00	50	39	78.00
	200% - 299% FPL	66	55	83.33	51	45	88.24
	300% - 399% FPL	58	51	87.93	40	34	85.00
	Total	175	154	88.00	200	163	81.50
Mountain Empire	< 100% FPL	129	99	76.74	182	130	71.43
	100% - 199% FPL	81	58	71.60	106	72	67.92
	200% - 299% FPL	38	25	65.79	72	49	68.06

	300% - 399% FPL	47	44	93.62	53	44	83.02
	Total	295	226	76.61	413	295	71.43
Mountain Gateway	< 100% FPL	14	14	100.00	38	26	68.42
	100% - 199% FPL	22	20	90.91	23	16	69.57
	200% - 299% FPL	8	6	75.00	24	18	75.00
	300% - 399% FPL	16	14	87.50	19	14	73.68
	Total	60	54	90.00	104	74	71.15
New River	< 100% FPL	95	78	82.11	105	71	67.62
	100% - 199% FPL	69	59	85.51	99	75	75.76
	200% - 299% FPL	76	69	90.79	95	70	73.68
	300% - 399% FPL	87	75	86.21	95	75	78.95
	Total	327	281	85.93	394	291	73.86
Northern Virginia	< 100% FPL	909	836	91.97	557	461	82.76
	100% - 199% FPL	801	745	93.01	454	391	86.12
	200% - 299% FPL	439	398	90.66	465	374	80.43
	300% - 399% FPL	631	570	90.33	316	253	80.06
	Total	2,780	2,549	91.69	1,792	1,479	82.53
Patrick & Henry	< 100% FPL	69	62	89.86	89	73	82.02
	100% - 199% FPL	53	46	86.79	64	52	81.25
	200% - 299% FPL	33	26	78.79	67	55	82.09
	300% - 399% FPL	27	24	88.89	36	28	77.78
	Total	182	158	86.81	256	208	81.25
Paul D. Camp	< 100% FPL	11	6	54.55	22	17	77.27
	100% - 199% FPL	6	4	66.67	14	12	85.71
	200% - 299% FPL	8	5	62.50	18	11	61.11
	300% - 399% FPL	8	6	75.00	8	4	50.00
	Total	33	21	63.64	62	44	70.97
Piedmont Virginia	< 100% FPL	28	25	89.29	21	15	71.43
	100% - 199% FPL	21	21	100.00	36	29	80.56
	200% - 299% FPL	39	34	87.18	57	47	82.46
	300% - 399% FPL	55	49	89.09	52	46	88.46
	Total	143	129	90.21	166	137	82.53
Rappahannock	< 100% FPL	17	13	76.47	31	22	70.97
	100% - 199% FPL	13	11	84.62	37	30	81.08
	200% - 299% FPL	28	24	85.71	55	41	74.55
	300% - 399% FPL	24	18	75.00	31	28	90.32
	Total	82	66	80.49	154	121	78.57
Southside Virginia	< 100% FPL	34	28	82.35	68	49	72.06
	100% - 199% FPL	27	23	85.19	33	27	81.82
	200% - 299% FPL	12	10	83.33	36	24	66.67
	300% - 399% FPL	18	11	61.11	21	18	85.71
	Total	91	72	79.12	158	118	74.68
Southwest Virginia	< 100% FPL	135	111	82.22	195	123	63.08
	100% - 199% FPL	97	81	83.51	98	71	72.45
	200% - 299% FPL	66	55	83.33	76	46	60.53
	300% - 399% FPL	54	44	81.48	78	52	66.67
	Total	352	291	82.67	447	292	65.32
Tidewater	< 100% FPL	366	318	86.89	359	251	69.92
	100% - 199% FPL	293	251	85.67	279	202	72.40
	200% - 299% FPL	228	189	82.89	289	210	72.66
	300% - 399% FPL	219	189	86.30	167	115	68.86
	Total	1,106	947	85.62	1,094	778	71.12
Virginia Highlands	< 100% FPL	69	52	75.36	94	67	71.28

	100% - 199% FPL	51	45	88.24	42	29	69.05
	200% - 299% FPL	29	24	82.76	59	43	72.88
	300% - 399% FPL	33	29	87.88	49	36	73.47
	Total	182	150	82.42	244	175	71.72
Virginia Peninsula	< 100% FPL	86	61	70.93	75	54	72.00
	100% - 199% FPL	63	57	90.48	46	40	86.96
	200% - 299% FPL	45	38	84.44	51	32	62.75
	300% - 399% FPL	52	41	78.85	34	25	73.53
	Total	246	197	80.08	206	151	73.30
Virginia Western	< 100% FPL	155	130	83.87	144	104	72.22
	100% - 199% FPL	124	106	85.48	155	117	75.48
	200% - 299% FPL	146	120	82.19	142	111	78.17
	300% - 399% FPL	162	135	83.33	120	90	75.00
	Total	587	491	83.65	561	422	75.22
Wytheville	< 100% FPL	46	38	82.61	66	56	84.85
	100% - 199% FPL	38	31	81.58	48	43	89.58
	200% - 299% FPL	39	32	82.05	68	52	76.47
	300% - 399% FPL	33	28	84.85	33	27	81.82
	Total	156	129	82.69	215	178	82.79

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

			# Students	Pre-Enrollment Wages	# Students	Post-Completion Wages
			Sum	Median	Sum	Median
VCCS	Completers	Total	1,052	\$22,054	1,191	\$43,808
		Area of Study				
		Health Care	461	\$23,188	517	\$53,956
		Information Technology	210	\$21,978	237	\$38,212
		Education	101	\$22,564	101	\$28,676
		Skilled Trades, Manufacturing & Construction	232	\$20,674	289	\$41,912
		Public Safety	48	\$20,356	47	\$32,672
		Income Level				
		< 100% FPL	219	\$16,816	276	\$36,994
		100% - 199% FPL	273	\$22,428	310	\$40,914
		200% - 299% FPL	335	\$25,840	341	\$49,760
		300% - 399% FPL	225	\$25,636	264	\$46,274
		Non-Completers	Total	1,194	\$22,342	1,272	$31,230
	Area of Study					
	Health Care		554	\$23,054	566	\$30,494
	Information Technology		304	\$26,276	331	\$34,604
	Education		82	\$20,666	81	\$27,516
	Skilled Trades, Manufacturing & Construction		176	\$17,790	212	\$30,536
	Public Safety		77	\$18,388	80	\$30,844
	Hospitality & Culinary Arts		1	\$23,052	2	\$22,406
	Income Level					
	< 100% FPL		314	\$15,534	366	\$26,110
	100% - 199% FPL		325	\$24,852	321	\$31,404
	200% - 299% FPL		323	\$27,724	333	\$34,148
	300% - 399% FPL	232	\$27,072	252	\$36,432	
Blue Ridge	Completers	Total	28	\$17,608	34	\$45,416
		Area of Study				
		Health Care	19	\$18,400	22	\$47,278
		Information Technology	3	\$16,816	3	\$22,620
		Education	1	\$28,452	2	\$21,406
		Skilled Trades, Manufacturing & Construction	5	\$15,256	7	\$87,764
		Income Level				
		< 100% FPL	5	\$9,756	8	\$36,658
		100% - 199% FPL	4	\$34,352	5	\$44,620
		200% - 299% FPL	7	\$7,824	10	\$73,396
		300% - 399% FPL	12	\$30,180	11	\$46,212
	Non-Completers	Total	34	\$22,020	41	\$27,060
		Area of Study				
		Health Care	24	\$26,356	26	\$25,162
		Information Technology	5	\$24,884	9	\$31,044
		Skilled Trades, Manufacturing & Construction	4	\$15,666	4	\$17,520
		Public Safety	1	\$13,212	2	\$24,864
		Income Level				
		< 100% FPL	5	\$16,112	9	\$20,864

Brightpoint	Completers	100% - 199% FPL	7	\$27,280	8	\$28,024
		200% - 299% FPL	13	\$21,180	13	\$26,924
		300% - 399% FPL	9	\$24,884	11	\$30,304
		Total	48	\$31,026	55	\$58,636
		Area of Study				
		Health Care	28	\$29,278	33	\$72,976
		Information Technology	12	\$34,030	9	\$49,916
		Education	.	.	1	\$27,808
		Skilled Trades, Manufacturing & Construction	4	\$32,020	7	\$33,768
		Public Safety	4	\$37,992	5	\$24,388
		Income Level				
		< 100% FPL	5	\$13,652	10	\$71,650
		100% - 199% FPL	8	\$29,496	10	\$42,202
		200% - 299% FPL	19	\$33,516	21	\$37,848
		300% - 399% FPL	16	\$36,090	14	\$68,640
	Non-Completers	Total	102	\$21,050	109	\$32,272
		Area of Study				
		Health Care	56	\$21,250	60	\$29,946
		Information Technology	26	\$28,752	26	\$38,086
		Education	8	\$19,660	7	\$34,596
		Skilled Trades, Manufacturing & Construction	5	\$17,504	8	\$31,828
		Public Safety	7	\$19,092	8	\$30,280
		Income Level				
		< 100% FPL	22	\$19,456	29	\$30,684
		100% - 199% FPL	25	\$26,380	26	\$34,074
		200% - 299% FPL	35	\$19,092	30	\$30,440
		300% - 399% FPL	20	\$18,918	24	\$33,854
Central Virginia	Completers	Total	25	\$23,544	31	\$51,124
		Area of Study				
		Health Care	7	\$26,812	8	\$62,972
		Information Technology	1	\$23,648	1	\$42,812
		Skilled Trades, Manufacturing & Construction	16	\$22,412	21	\$51,040
		Public Safety	1	\$18,228	1	\$70,604
		Income Level				
		< 100% FPL	5	\$24,216	9	\$50,592
		100% - 199% FPL	5	\$19,992	5	\$42,812
		200% - 299% FPL	6	\$28,322	6	\$49,758
		300% - 399% FPL	9	\$23,544	11	\$62,416
	Non-Completers	Total	29	\$22,568	35	\$15,768
		Area of Study				
		Health Care	13	\$24,500	14	\$14,726
		Information Technology	9	\$16,580	7	\$44,340
		Education	.	.	1	\$8,644
		Skilled Trades, Manufacturing & Construction	6	\$29,260	12	\$26,246
		Public Safety	1	\$13,748	1	\$14,416
		Income Level				
		< 100% FPL	6	\$17,078	9	\$13,188
		100% - 199% FPL	3	\$22,844	5	\$12,144
		200% - 299% FPL	16	\$19,136	15	\$34,584
		300% - 399% FPL	4	\$33,970	6	\$35,440

Danville	Completers	Total	52	\$17,000	69	\$42,476
		Area of Study				
		Health Care	1	\$46,736	2	\$34,778
		Information Technology				
		Education	9	\$17,020	7	\$66,520
			8	\$19,554	8	\$27,750
		Skilled Trades, Manufacturing & Construction				
		Public Safety	34	\$16,552	50	\$46,318
		Income Level	.	.	2	\$2,584
		< 100% FPL				
		100% - 199% FPL	19	\$16,452	27	\$39,096
		200% - 299% FPL	13	\$16,652	15	\$39,316
		300% - 399% FPL	14	\$18,520	15	\$60,344
			6	\$11,184	12	\$42,678
	Non-Completers	Total	45	\$18,236	53	\$27,488
		Area of Study				
		Health Care	14	\$10,644	18	\$27,604
		Information Technology				
		Education	4	\$34,502	4	\$44,078
			9	\$25,168	11	\$25,184
		Skilled Trades, Manufacturing & Construction				
		Public Safety	13	\$11,492	15	\$25,764
		Income Level	5	\$25,072	5	\$9,316
		< 100% FPL				
		100% - 199% FPL	20	\$11,794	24	\$26,168
		200% - 299% FPL	13	\$18,236	14	\$27,244
		300% - 399% FPL	6	\$23,078	6	\$23,950
			6	\$29,812	9	\$33,916
Eastern Shore	Completers	Total	6	\$22,452	5	\$35,360
		Area of Study				
		Health Care	3	\$39,176	3	\$51,404
		Information Technology				
		Education	.	.	.	.
			1	\$24,420	1	\$28,000
		Skilled Trades, Manufacturing & Construction				
		Income Level	2	\$11,066	1	\$35,360
		< 100% FPL				
		100% - 199% FPL	3	\$20,484	2	\$43,382
		200% - 299% FPL	2	\$13,890	2	\$40,968
		300% - 399% FPL	1	\$40,100	1	\$31,516
		
	Non-Completers	Total	2	\$30,692	4	\$30,472
		Area of Study				
		Health Care	.	.	1	\$14,808
		Education	.	.	1	\$19,012
		Skilled Trades, Manufacturing & Construction				
		Income Level	2	\$30,692	2	\$43,022
		< 100% FPL				
		100% - 199% FPL	.	.	1	\$19,012
		200% - 299% FPL	.	.	1	\$14,808
		300% - 399% FPL	.	.	.	.
Germanna	Completers	Total	49	\$25,248	60	\$47,610
		Area of Study				
		Health Care	23	\$25,828	31	\$65,888
		Information Technology				
		Education	16	\$25,712	18	\$29,074
			3	\$9,652	5	\$8,688

		Skilled Trades, Manufacturing & Construction	4	\$25,950	3	\$32,160
		Public Safety	3	\$20,276	3	\$41,644
		Income Level				
		< 100% FPL	3	\$19,592	5	\$66,532
		100% - 199% FPL	12	\$20,172	16	\$33,820
		200% - 299% FPL	22	\$25,712	22	\$54,514
		300% - 399% FPL	12	\$29,358	17	\$44,028
		Total	68	\$24,320	67	\$34,348
	Non-Completers	Area of Study				
		Health Care	34	\$22,516	32	\$39,848
		Information Technology				
		Education	24	\$27,358	27	\$37,056
		Skilled Trades, Manufacturing & Construction	5	\$29,096	4	\$25,514
		Public Safety	3	\$8,708	2	\$25,474
		Hospitality & Culinary Arts	1	\$10,528	1	\$29,708
		Income Level				
		< 100% FPL	1	\$23,052	1	\$35,120
		100% - 199% FPL	15	\$11,608	17	\$29,580
		200% - 299% FPL	12	\$19,180	12	\$34,662
		300% - 399% FPL	17	\$26,548	17	\$25,024
		Total	24	\$29,256	21	\$44,336
J. Sargeant Reynolds	Completers	Total				
		Area of Study	63	\$23,428	66	\$41,436
		Health Care				
		Information Technology	26	\$25,254	31	\$54,968
		Education	11	\$22,088	13	\$37,144
		Skilled Trades, Manufacturing & Construction	22	\$24,892	19	\$36,088
		Public Safety	3	\$15,164	2	\$57,436
		Income Level	1	\$6,720	1	\$27,896
		< 100% FPL				
		100% - 199% FPL	15	\$18,804	14	\$38,562
		200% - 299% FPL	21	\$25,936	26	\$40,486
		300% - 399% FPL	20	\$24,904	18	\$38,418
		Total	7	\$21,088	8	\$44,076
	Non-Completers	Total	81	\$26,832	86	\$33,754
		Area of Study				
		Health Care	46	\$24,358	49	\$33,456
		Information Technology				
		Education	18	\$37,554	19	\$51,084
		Skilled Trades, Manufacturing & Construction	6	\$26,514	7	\$32,584
		Public Safety				
		Income Level	9	\$17,848	9	\$28,444
		< 100% FPL	2	\$15,072	2	\$21,458
		100% - 199% FPL				
		200% - 299% FPL	13	\$24,300	19	\$20,812
		300% - 399% FPL	23	\$27,740	21	\$30,692
		Total	35	\$28,560	35	\$36,664
Laurel Ridge	Completers	300% - 399% FPL	10	\$29,986	11	\$48,800
		Total	31	\$18,636	33	\$44,048
		Area of Study				
		Health Care	18	\$22,648	18	\$58,188
		Information Technology				
		Education	8	\$20,244	8	\$42,356

		Education	4	\$14,948	5	\$28,852
		Skilled Trades, Manufacturing & Construction	1	\$10,756	2	\$51,970
		Income Level				
		< 100% FPL	2	\$17,794	2	\$44,862
		100% - 199% FPL	8	\$19,776	10	\$40,064
		200% - 299% FPL	12	\$17,558	11	\$67,820
		300% - 399% FPL	9	\$38,844	10	\$49,110
	Non-Completers	Total	19	\$23,180	17	\$35,868
		Area of Study				
		Health Care	9	\$29,660	7	\$53,516
		Information Technology	7	\$14,344	7	\$35,868
		Education	2	\$16,114	2	\$27,316
		Skilled Trades, Manufacturing & Construction	1	\$9,044	1	\$18,452
		Income Level				
		< 100% FPL	1	\$9,476	1	\$26,224
		100% - 199% FPL	5	\$23,180	3	\$18,452
		200% - 299% FPL	10	\$28,952	10	\$43,090
		300% - 399% FPL	3	\$20,144	3	\$31,228
Mountain Empire	Completers	Total	61	\$16,672	66	\$33,534
		Area of Study				
		Health Care	36	\$21,456	35	\$30,764
		Information Technology	6	\$14,794	6	\$40,920
		Education	2	\$12,734	2	\$8,680
		Skilled Trades, Manufacturing & Construction	15	\$13,428	21	\$35,820
		Public Safety	2	\$51,284	2	\$69,210
		Income Level				
		< 100% FPL	28	\$15,672	30	\$30,554
		100% - 199% FPL	14	\$18,466	13	\$40,976
		200% - 299% FPL	10	\$17,738	13	\$32,888
		300% - 399% FPL	9	\$22,680	10	\$36,458
	Non-Completers	Total	46	\$19,262	51	\$20,904
		Area of Study				
		Health Care	25	\$14,064	30	\$21,270
		Information Technology	4	\$33,960	3	\$40,368
		Education	3	\$18,704	2	\$18,954
		Skilled Trades, Manufacturing & Construction	11	\$26,088	13	\$20,404
		Public Safety	3	\$18,996	3	\$4,572
		Income Level				
		< 100% FPL	15	\$14,064	20	\$18,860
		100% - 199% FPL	18	\$18,330	17	\$21,652
		200% - 299% FPL	6	\$24,110	6	\$39,366
		300% - 399% FPL	7	\$36,788	8	\$17,154
Mountain Gateway	Completers	Total	9	\$33,372	10	\$61,408
		Area of Study				
		Health Care	7	\$33,372	8	\$61,408
		Information Technology	.	.	.	.
		Education	1	\$24,144	1	\$5,244

		Skilled Trades, Manufacturing & Construction	1	\$62,024	1	\$69,800
		Income Level				
		< 100% FPL				
		100% - 199% FPL	4	\$18,516	5	\$57,344
		200% - 299% FPL	4	\$43,312	4	\$67,636
		300% - 399% FPL	1	\$6,328	1	\$8,780
	Non-Completers	Total	14	\$11,844	14	\$36,410
		Area of Study				
		Health Care	11	\$12,492	10	\$39,114
		Information Technology				
			1	\$9,360	1	\$20,756
		Skilled Trades, Manufacturing & Construction	2	\$7,244	3	\$36,808
		Income Level				
		< 100% FPL	2	\$13,056	1	\$76,264
		100% - 199% FPL	4	\$8,688	4	\$12,360
		200% - 299% FPL	3	\$14,196	3	\$36,808
		300% - 399% FPL	5	\$13,800	6	\$45,932
		Total	52	\$18,632	62	\$41,850
		Area of Study				
		Health Care	24	\$27,092	24	\$65,106
		Information Technology				
			9	\$24,880	15	\$22,636
		Education	2	\$33,628	3	\$22,060
		Skilled Trades, Manufacturing & Construction	17	\$13,708	20	\$38,362
		Income Level				
		< 100% FPL	7	\$13,400	11	\$20,808
		100% - 199% FPL	8	\$22,134	9	\$37,200
		200% - 299% FPL	18	\$27,800	17	\$54,424
		300% - 399% FPL	19	\$15,272	25	\$44,264
New River	Completers	Total	47	\$15,332	45	\$30,400
		Area of Study				
		Health Care	15	\$17,696	11	\$30,400
		Information Technology				
			8	\$24,364	10	\$32,186
		Education	1	\$26,368	1	\$30,036
		Skilled Trades, Manufacturing & Construction				
			20	\$12,106	19	\$34,484
		Public Safety	3	\$7,676	4	\$22,154
		Income Level				
		< 100% FPL	10	\$15,728	11	\$25,228
		100% - 199% FPL	15	\$17,772	14	\$34,326
		200% - 299% FPL	11	\$13,508	8	\$42,842
		300% - 399% FPL	11	\$15,332	12	\$30,020
	Non-Completers	Total	146	\$26,044	171	\$47,888
		Area of Study				
		Health Care	23	\$22,020	27	\$73,388
		Information Technology				
			84	\$23,570	103	\$40,896
		Education	18	\$31,064	19	\$24,916
		Skilled Trades, Manufacturing & Construction				
			20	\$41,996	20	\$66,286
		Public Safety	1	\$80,960	2	\$19,274
		Income Level				
Northern Virginia	Completers	Total				
			146	\$26,044	171	\$47,888
		Area of Study				
		Health Care	23	\$22,020	27	\$73,388
		Information Technology				
			84	\$23,570	103	\$40,896
		Education	18	\$31,064	19	\$24,916
		Skilled Trades, Manufacturing & Construction				
			20	\$41,996	20	\$66,286
		Public Safety	1	\$80,960	2	\$19,274
		Income Level				

		< 100% FPL	26	\$26,570	39	\$37,936
		100% - 199% FPL	39	\$25,284	47	\$49,980
		200% - 299% FPL	52	\$31,480	54	\$52,190
		300% - 399% FPL	29	\$18,792	31	\$40,512
		Total	131	\$24,152	168	\$34,342
		Area of Study				
		Health Care	3	\$20,192	3	\$34,684
		Information Technology	87	\$27,900	105	\$34,892
		Education	11	\$15,824	13	\$22,304
		Skilled Trades, Manufacturing & Construction	26	\$18,302	44	\$34,212
	Non-Completers	Public Safety	4	\$28,496	3	\$42,488
		Income Level				
		< 100% FPL	33	\$13,260	44	\$25,482
		100% - 199% FPL	32	\$29,494	40	\$35,366
		200% - 299% FPL	39	\$31,628	50	\$34,448
		300% - 399% FPL	27	\$27,900	34	\$39,416
		Total	35	\$24,948	34	\$43,210
		Area of Study				
		Health Care	13	\$31,392	15	\$55,500
		Information Technology	3	\$28,908	3	\$41,440
Patrick & Henry	Completers	Education	8	\$13,176	3	\$32,368
		Skilled Trades, Manufacturing & Construction	11	\$22,892	13	\$35,952
		Income Level				
		< 100% FPL	7	\$27,104	8	\$34,878
		100% - 199% FPL	9	\$24,948	8	\$38,580
		200% - 299% FPL	11	\$30,188	11	\$62,436
		300% - 399% FPL	8	\$16,894	7	\$46,492
		Total	22	\$21,604	24	\$35,160
		Area of Study				
		Health Care	7	\$21,696	7	\$35,492
	Non-Completers	Information Technology	2	\$43,246	1	\$47,340
		Education	6	\$24,276	5	\$33,140
		Skilled Trades, Manufacturing & Construction	4	\$15,266	5	\$23,564
		Public Safety	3	\$12,992	6	\$50,924
		Income Level				
		< 100% FPL	5	\$16,204	7	\$33,216
		100% - 199% FPL	6	\$24,370	5	\$35,492
		200% - 299% FPL	9	\$17,552	10	\$38,216
		300% - 399% FPL	2	\$66,870	2	\$63,830
		Total	11	\$33,212	12	\$48,068
Paul D. Camp	Completers	Area of Study				
		Health Care	7	\$35,000	7	\$65,456
		Information Technology	.	.	.	.
		Education	1	\$10,796	2	\$28,738
		Skilled Trades, Manufacturing & Construction	3	\$33,212	3	\$36,568
		Income Level				
		< 100% FPL	2	\$11,510	3	\$34,044
		100% - 199% FPL	3	\$35,000	3	\$36,568
		200% - 299% FPL	3	\$8,452	3	\$54,828
		300% - 399% FPL	3	\$99,228	3	\$88,056

	Non-Completers	Total	7	\$38,436	9	\$22,352
		Area of Study				
		Health Care	4	\$28,488	3	\$22,352
		Information Technology				
		Education	1	\$38,940	2	\$22,484
			1	\$6,840	2	\$15,330
		Skilled Trades, Manufacturing & Construction	1	\$38,436	2	\$56,366
		Income Level				
		< 100% FPL	3	\$38,436	4	\$18,838
		100% - 199% FPL	1	\$6,840	2	\$44,606
		200% - 299% FPL	3	\$38,940	2	\$32,100
		300% - 399% FPL	.	.	1	\$22,352
Piedmont Virginia	Completers	Total	18	\$30,606	23	\$75,012
		Area of Study				
		Health Care	14	\$35,372	17	\$86,680
		Information Technology				
		Education	3	\$9,940	4	\$22,764
			.	.	1	\$28,980
		Public Safety	1	\$4,132	1	\$3,244
		Income Level				
		< 100% FPL	1	\$9,764	1	\$43,552
		100% - 199% FPL	4	\$15,382	6	\$76,434
		200% - 299% FPL	8	\$35,372	10	\$89,608
		300% - 399% FPL	5	\$41,424	6	\$51,446
	Non-Completers	Total	18	\$33,502	21	\$36,712
		Area of Study				
		Health Care	7	\$31,276	8	\$38,164
		Information Technology				
		Education	8	\$50,792	11	\$33,224
			2	\$21,482	2	\$36,230
		Skilled Trades, Manufacturing & Construction	.	.	.	.
		Public Safety	1	\$34,528	.	.
		Income Level				
		< 100% FPL	1	\$24,320	2	\$35,352
		100% - 199% FPL	5	\$28,228	6	\$35,322
		200% - 299% FPL	7	\$32,476	9	\$36,712
		300% - 399% FPL	5	\$53,560	4	\$45,246
Rappahannock	Completers	Total	12	\$17,972	12	\$47,418
		Area of Study				
		Health Care	10	\$14,074	11	\$48,548
		Skilled Trades, Manufacturing & Construction	.	.	.	.
		Public Safety	2	\$61,086	1	\$46,288
		Income Level				
		< 100% FPL	3	\$14,800	3	\$39,404
		100% - 199% FPL	2	\$14,266	2	\$50,678
		200% - 299% FPL	5	\$45,912	5	\$51,720
		300% - 399% FPL	2	\$37,418	2	\$55,982
	Non-Completers	Total	18	\$29,402	19	\$24,176
		Area of Study				
		Health Care	14	\$29,672	16	\$22,202
		Information Technology				
			3	\$23,740	2	\$67,006
		Skilled Trades, Manufacturing & Construction	.	.	.	.

Southside Virginia	Completers	Public Safety	1	\$29,792	1	\$24,176
		Hospitality & Culinary Arts	.	.	.	.
		Income Level				
		< 100% FPL	2	\$21,278	1	\$20,632
		100% - 199% FPL	5	\$42,128	5	\$24,284
		200% - 299% FPL	9	\$23,740	10	\$29,682
		300% - 399% FPL	2	\$34,684	3	\$23,020
		Total	17	\$25,064	20	\$44,526
		Area of Study				
		Health Care	14	\$24,126	15	\$44,792
		Information Technology	1	\$848	2	\$31,678
		Education	1	\$29,512	1	\$35,148
		Skilled Trades, Manufacturing & Construction	1	\$97,504	1	\$110,612
		Public Safety	.	.	1	\$58,732
		Income Level				
		< 100% FPL	4	\$22,694	5	\$35,148
		100% - 199% FPL	7	\$25,064	8	\$37,998
		200% - 299% FPL	3	\$13,320	2	\$119,758
		300% - 399% FPL	3	\$55,524	5	\$64,216
	Non-Completers	Total	35	\$26,300	29	\$38,004
		Area of Study				
		Health Care	20	\$26,510	17	\$39,380
		Information Technology	5	\$23,376	4	\$29,324
		Education	.	.	.	.
		Skilled Trades, Manufacturing & Construction	6	\$22,884	5	\$32,104
		Public Safety	4	\$37,236	3	\$39,584
		Income Level				
		< 100% FPL	10	\$16,756	6	\$34,442
		100% - 199% FPL	9	\$26,300	8	\$38,354
		200% - 299% FPL	8	\$35,608	8	\$39,106
		300% - 399% FPL	8	\$36,808	7	\$32,788
Southwest Virginia	Completers	Total	45	\$27,180	51	\$34,500
		Area of Study				
		Health Care	33	\$28,844	38	\$39,310
		Information Technology	5	\$42,540	4	\$40,846
		Education	3	\$19,772	4	\$29,276
		Skilled Trades, Manufacturing & Construction	1	\$4,360	3	\$31,008
		Public Safety	3	\$16,872	2	\$23,972
		Income Level				
		< 100% FPL	7	\$14,732	5	\$34,192
		100% - 199% FPL	15	\$20,012	18	\$30,194
		200% - 299% FPL	7	\$23,364	11	\$47,920
		300% - 399% FPL	16	\$39,512	17	\$40,760
	Non-Completers	Total	68	\$19,594	75	\$28,280
		Area of Study				
		Health Care	43	\$20,140	48	\$30,622
		Information Technology	10	\$15,206	10	\$33,734
		Education	7	\$15,648	1	\$15,144

Tidewater	Completers	Skilled Trades, Manufacturing & Construction	3	\$51,448	8	\$10,796
		Public Safety	5	\$28,168	8	\$27,142
		Income Level				
		< 100% FPL	28	\$11,968	30	\$20,776
		100% - 199% FPL	15	\$23,632	16	\$30,880
		200% - 299% FPL	14	\$32,416	17	\$33,624
		300% - 399% FPL	11	\$26,284	12	\$36,326
		Total	157	\$21,624	167	\$42,640
		Area of Study				
		Health Care	62	\$20,138	69	\$49,684
Tidewater	Completers	Information Technology				
			21	\$16,700	21	\$27,124
		Education	20	\$21,602	20	\$28,582
		Skilled Trades, Manufacturing & Construction				
			34	\$25,980	42	\$40,268
		Public Safety	20	\$21,084	15	\$32,672
		Income Level				
		< 100% FPL	33	\$16,332	39	\$31,056
		100% - 199% FPL	47	\$26,920	52	\$45,934
		200% - 299% FPL	51	\$21,440	44	\$47,690
	Non-Completers	300% - 399% FPL	26	\$21,416	32	\$45,496
		Total	223	\$21,212	218	\$30,384
		Area of Study				
		Health Care	114	\$25,144	116	\$30,738
		Information Technology				
			45	\$21,300	41	\$28,240
		Education	14	\$19,520	16	\$27,370
		Skilled Trades, Manufacturing & Construction				
			29	\$15,356	28	\$28,064
		Public Safety	21	\$16,688	17	\$34,440
Virginia Highlands	Completers	Income Level				
		< 100% FPL	76	\$13,140	79	\$26,528
		100% - 199% FPL	68	\$22,938	61	\$33,928
		200% - 299% FPL	42	\$28,942	42	\$29,252
		300% - 399% FPL	37	\$26,588	36	\$34,066
		Total				
			41	\$27,928	53	\$37,172
		Area of Study				
		Health Care	16	\$28,050	18	\$35,266
		Information Technology				
	Non-Completers		1	\$42,112	2	\$52,162
		Skilled Trades, Manufacturing & Construction				
			24	\$25,922	32	\$39,464
		Public Safety	.	.	1	\$9,432
		Income Level				
		< 100% FPL	13	\$19,816	15	\$37,016
		100% - 199% FPL	6	\$29,278	10	\$18,478
		200% - 299% FPL	12	\$32,476	17	\$46,208
		300% - 399% FPL	10	\$39,240	11	\$37,172
		Total	38	\$21,228	39	\$33,280
Virginia Highlands	Completers	Area of Study				
		Health Care	23	\$21,588	26	\$38,038
		Information Technology				
			1	\$17,608	1	\$7,276
		Skilled Trades, Manufacturing & Construction				
			9	\$28,148	7	\$40,452

Virginia Peninsula	Completers	Public Safety	5	\$18,388	4	\$24,562
		Hospitality & Culinary Arts	.	.	1	\$9,692
		Income Level				
		< 100% FPL	9	\$12,160	11	\$33,280
		100% - 199% FPL	15	\$31,928	11	\$40,720
		200% - 299% FPL	8	\$18,886	10	\$33,732
		300% - 399% FPL	6	\$34,558	7	\$22,564
	Non-Completers	Total	15	\$14,852	13	\$30,748
		Area of Study				
		Health Care	7	\$17,012	7	\$69,468
		Information Technology				
		Education	6	\$21,326	5	\$16,008
		Skilled Trades, Manufacturing & Construction	2	\$11,704	1	\$23,188
		Public Safety	.	.	.	.
		Income Level				
		< 100% FPL	3	\$3,628	3	\$61,112
		100% - 199% FPL	6	\$15,932	4	\$50,108
		200% - 299% FPL	5	\$30,048	5	\$16,280
		300% - 399% FPL	1	\$5,412	1	\$1,324
	Completers	Total	42	\$25,342	41	\$42,536
		Area of Study				
		Health Care	20	\$31,146	19	\$46,796
		Information Technology				
		Education	12	\$26,088	13	\$53,076
		Skilled Trades, Manufacturing & Construction	2	\$19,018	2	\$16,936
		Public Safety	3	\$18,620	3	\$23,760
		Income Level	5	\$9,340	4	\$24,096
		< 100% FPL	13	\$18,620	14	\$47,522
		100% - 199% FPL	11	\$24,852	9	\$21,860
		200% - 299% FPL	9	\$31,216	9	\$44,208
		300% - 399% FPL	9	\$23,944	9	\$40,576
	Non-Completers	Total	78	\$17,866	88	\$46,754
		Area of Study				
		Health Care	49	\$18,372	55	\$51,288
		Information Technology	7	\$22,428	8	\$34,672
		Education	4	\$22,702	3	\$29,872
		Skilled Trades, Manufacturing & Construction	15	\$17,360	19	\$45,572
		Public Safety	3	\$17,348	3	\$16,020
		Income Level				
		< 100% FPL	17	\$17,348	22	\$39,370
		100% - 199% FPL	18	\$15,458	19	\$36,936
		200% - 299% FPL	26	\$30,066	26	\$53,366
		300% - 399% FPL	17	\$16,856	21	\$46,944
	Completers	Total	91	\$25,000	93	\$30,484
		Area of Study				
		Health Care	47	\$24,080	42	\$28,020
		Information Technology				
		Education	22	\$25,686	25	\$32,256
Virginia Western	Completers	Education	5	\$19,040	4	\$29,800

Wytheville		Skilled Trades, Manufacturing & Construction	14	\$28,848	17	\$42,852
		Public Safety	3	\$31,860	5	\$26,016
		Income Level				
		< 100% FPL	22	\$16,462	23	\$30,184
		100% - 199% FPL	29	\$27,132	30	\$28,252
		200% - 299% FPL	18	\$35,744	20	\$31,350
		300% - 399% FPL	22	\$25,346	20	\$33,772
	Completers	Total	53	\$20,436	56	\$34,968
		Area of Study				
		Health Care	21	\$20,740	23	\$42,100
		Information Technology	4	\$16,242	5	\$38,048
		Skilled Trades, Manufacturing & Construction	21	\$16,396	21	\$31,512
		Public Safety	7	\$21,916	7	\$41,088
		Income Level				
		< 100% FPL	11	\$16,864	15	\$45,852
		100% - 199% FPL	18	\$14,754	17	\$30,920
		200% - 299% FPL	19	\$25,336	15	\$35,304
		300% - 399% FPL	5	\$32,652	9	\$42,100
	Non-Completers	Total	14	\$6,028	14	\$19,824
		Area of Study				
		Health Care	5	\$2,988	3	\$7,512
		Information Technology	2	\$6,028	3	\$16,208
		Skilled Trades, Manufacturing & Construction	5	\$14,460	5	\$29,864
		Public Safety	2	\$3,390	3	\$24,696
		Income Level				
		< 100% FPL	3	\$5,808	4	\$11,500
		100% - 199% FPL	4	\$9,762	3	\$24,696
		200% - 299% FPL	5	\$6,248	3	\$33,660
		300% - 399% FPL	2	\$7,382	4	\$32,274

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	778	\$25,300	902	\$38,514
		Area of Study				
		Health Care	385	\$21,472	445	\$34,424
		Information Technology	61	\$37,660	70	\$50,158
		Skilled Trades, Manufacturing & Construction	307	\$27,284	355	\$43,232
		Public Safety	2	\$42,776	3	\$36,568
		Hospitality & Culinary Arts	23	\$27,300	29	\$38,196
	Non-Credential Earners	Total	1,499	\$23,756	1,572	\$35,110
		Area of Study				
		Health Care	936	\$21,884	981	\$33,208
		Information Technology	266	\$29,242	266	\$37,818
		Skilled Trades, Manufacturing & Construction	254	\$24,922	274	\$40,052
		Public Safety	10	\$25,628	13	\$55,576
		Hospitality & Culinary Arts	33	\$27,308	38	\$34,246
Blue Ridge	Credential Earners	Total	60	\$23,312	70	\$36,802
		Area of Study				
		Health Care	43	\$16,048	50	\$33,602
		Information Technology	4	\$42,066	8	\$59,268
		Skilled Trades, Manufacturing & Construction	12	\$37,374	11	\$47,540
		Hospitality & Culinary Arts	1	\$2,344	1	\$57,408
	Non-Credential Earners	Total	85	\$28,936	90	\$38,200
		Area of Study				
		Health Care	52	\$27,506	54	\$38,346
		Information Technology	15	\$32,156	17	\$32,156
		Skilled Trades, Manufacturing & Construction	14	\$30,994	14	\$41,172
		Hospitality & Culinary Arts	4	\$39,846	5	\$38,544
Brightpoint	Credential Earners	Total	71	\$27,844	87	\$34,268
		Area of Study				
		Health Care	44	\$27,408	59	\$34,268
		Information Technology	9	\$45,668	7	\$35,092
		Skilled Trades, Manufacturing & Construction	13	\$24,816	13	\$36,504
		Public Safety	2	\$42,776	3	\$36,568

	Non-Credential Earners	Hospitality & Culinary Arts	3	\$7,480	5	\$22,344
		Total	274	\$25,552	284	\$36,034
		Area of Study				
		Health Care	182	\$24,294	183	\$35,652
		Information Technology	72	\$29,304	74	\$35,966
		Skilled Trades, Manufacturing & Construction	10	\$23,970	13	\$38,284
		Public Safety	10	\$25,628	13	\$55,576
		Hospitality & Culinary Arts	.	.	1	\$24,700
Central Virginia	Credential Earners	Total	33	\$22,560	38	\$39,372
		Area of Study				
		Health Care	18	\$21,600	22	\$37,938
		Skilled Trades, Manufacturing & Construction	14	\$22,636	15	\$44,764
		Hospitality & Culinary Arts	1	\$26,080	1	\$37,764
	Non-Credential Earners	Total	125	\$21,788	128	\$34,068
		Area of Study				
		Health Care	89	\$20,340	93	\$32,688
		Information Technology	.	.	1	\$29,304
		Skilled Trades, Manufacturing & Construction	33	\$34,232	33	\$42,804
		Hospitality & Culinary Arts	3	\$11,324	1	\$16,096
Danville	Non-Credential Earners	Total	15	\$42,240	14	\$43,100
		Area of Study				
		Health Care	4	\$23,856	4	\$27,300
		Information Technology	3	\$27,960	1	\$50,980
		Skilled Trades, Manufacturing & Construction	8	\$46,084	9	\$46,048
Eastern Shore	Credential Earners	Total	12	\$20,244	10	\$35,366
		Area of Study				
		Health Care	3	\$38,540	3	\$39,760
		Information Technology	1	\$22,700	.	.
		Skilled Trades, Manufacturing & Construction	8	\$16,980	7	\$33,396
	Non-Credential Earners	Total	42	\$23,452	46	\$29,538
		Area of Study				
		Health Care	36	\$23,452	37	\$30,376
		Information Technology	5	\$39,640	8	\$26,462
		Skilled Trades, Manufacturing & Construction	1	\$15,872	1	\$17,152

Germannanna	Credential Earners	Total	11	\$20,756	15	\$29,540
		Area of Study				
		Health Care	5	\$23,580	6	\$26,822
		Information Technology	1	\$45,504	2	\$32,318
		Skilled Trades, Manufacturing & Construction	5	\$11,980	6	\$25,234
		Hospitality & Culinary Arts	.	.	1	\$40,048
	Non-Credential Earners	Total	45	\$27,744	52	\$34,334
		Area of Study				
		Health Care	4	\$35,364	5	\$29,192
		Information Technology	16	\$30,710	16	\$33,228
		Skilled Trades, Manufacturing & Construction	21	\$19,740	26	\$38,236
		Hospitality & Culinary Arts	4	\$16,904	5	\$39,672
Laurel Ridge	Credential Earners	Total	54	\$37,496	58	\$48,036
		Area of Study				
		Health Care	7	\$35,980	7	\$33,224
		Information Technology	22	\$45,848	22	\$53,360
		Skilled Trades, Manufacturing & Construction	24	\$37,154	27	\$48,360
		Hospitality & Culinary Arts	1	\$38,148	2	\$30,058
	Non-Credential Earners	Total	44	\$29,832	42	\$41,822
		Area of Study				
		Health Care	15	\$33,584	14	\$39,668
		Information Technology	9	\$30,148	9	\$37,180
		Skilled Trades, Manufacturing & Construction	18	\$21,610	17	\$49,340
		Hospitality & Culinary Arts	2	\$22,484	2	\$47,550
Mountain Empire	Credential Earners	Total	9	\$21,560	8	\$52,138
		Area of Study				
		Health Care	1	\$37,792	1	\$67,536
		Skilled Trades, Manufacturing & Construction	8	\$19,984	7	\$48,736
	Non-Credential Earners	Total	7	\$17,780	7	\$39,816
		Area of Study				
		Health Care	1	\$61,716	1	\$45,688
		Skilled Trades, Manufacturing & Construction	6	\$14,026	6	\$39,492
Mountain Gateway	Credential Earners	Total	25	\$28,628	27	\$40,556
		Area of Study				

	Non-Credential Earners	Health Care	18	\$25,600	18	\$37,224
		Skilled Trades, Manufacturing & Construction	7	\$30,524	9	\$52,708
		Total	35	\$18,652	37	\$30,936
		Area of Study				
		Health Care	30	\$20,648	32	\$29,968
		Skilled Trades, Manufacturing & Construction	5	\$17,928	5	\$40,636
New River	Credential Earners	Total	8	\$21,976	6	\$41,536
		Area of Study				
		Health Care	5	\$18,708	3	\$36,172
		Skilled Trades, Manufacturing & Construction	3	\$32,500	3	\$67,168
	Non-Credential Earners	Total	26	\$23,550	23	\$33,116
		Area of Study				
		Health Care	20	\$19,416	17	\$29,540
		Skilled Trades, Manufacturing & Construction	5	\$27,620	5	\$43,148
		Hospitality & Culinary Arts	1	\$38,520	1	\$65,656
Northern Virginia	Credential Earners	Total	84	\$24,720	98	\$40,510
		Area of Study				
		Health Care	59	\$20,000	66	\$38,108
		Information Technology	22	\$35,096	29	\$50,784
		Skilled Trades, Manufacturing & Construction	2	\$23,930	2	\$44,014
		Hospitality & Culinary Arts	1	\$45,892	1	\$40,520
	Non-Credential Earners	Total	179	\$26,560	188	\$39,514
		Area of Study				
		Health Care	71	\$18,452	84	\$35,612
		Information Technology	100	\$30,150	97	\$42,416
		Skilled Trades, Manufacturing & Construction	8	\$27,934	7	\$60,192
Patrick & Henry	Credential Earners	Total	48	\$29,170	61	\$35,012
		Area of Study				
		Health Care	20	\$19,838	25	\$31,416
		Skilled Trades, Manufacturing & Construction	24	\$39,878	32	\$42,454
		Hospitality & Culinary Arts	4	\$34,800	4	\$27,182
	Non-Credential Earners	Total	78	\$23,264	81	\$29,672
		Area of Study				
		Health Care	66	\$23,252	66	\$28,654

Paul D. Camp	Credential Earners	Skilled Trades, Manufacturing & Construction	8	\$26,096	8	\$35,498
		Hospitality & Culinary Arts	4	\$18,058	7	\$29,968
		Total	6	\$15,528	9	\$22,452
		Area of Study				
		Health Care	1	\$51,548	2	\$54,094
		Skilled Trades, Manufacturing & Construction	4	\$8,574	6	\$15,548
		Hospitality & Culinary Arts	1	\$38,296	1	\$47,264
	Non-Credential Earners	Total	24	\$22,772	28	\$31,214
		Area of Study				
		Health Care	14	\$20,102	18	\$27,512
		Information Technology	1	\$16,516	.	.
		Skilled Trades, Manufacturing & Construction	3	\$24,440	2	\$23,690
		Hospitality & Culinary Arts	6	\$46,610	8	\$38,458
Piedmont Virginia	Credential Earners	Total	30	\$36,278	34	\$43,212
		Area of Study				
		Health Care	19	\$36,224	18	\$47,160
		Skilled Trades, Manufacturing & Construction	8	\$36,266	12	\$37,382
		Hospitality & Culinary Arts	3	\$41,876	4	\$44,584
		Total	21	\$38,292	26	\$39,178
	Non-Credential Earners	Area of Study				
		Health Care	14	\$36,696	19	\$34,116
		Information Technology	5	\$38,292	5	\$41,540
		Skilled Trades, Manufacturing & Construction	2	\$37,922	2	\$38,222
		Total	10	\$33,764	10	\$42,624
		Area of Study				
Rappahannock	Credential Earners	Health Care	4	\$18,704	4	\$35,438
		Skilled Trades, Manufacturing & Construction	6	\$39,958	6	\$47,520
		Total	23	\$22,084	26	\$31,328
	Non-Credential Earners	Area of Study				
		Health Care	16	\$22,570	19	\$30,968
		Skilled Trades, Manufacturing & Construction	7	\$22,084	7	\$36,140
Southside Virginia	Credential Earners	Total	26	\$30,710	32	\$50,812
		Area of Study				
		Health Care	6	\$20,684	5	\$48,620

	Non-Credential Earners	Skilled Trades, Manufacturing & Construction	20	\$35,106	27	\$53,004
		Total	13	\$47,720	19	\$41,124
		Area of Study				
		Health Care	6	\$47,186	8	\$29,576
		Skilled Trades, Manufacturing & Construction	7	\$47,720	11	\$44,660
Southwest Virginia	Credential Earners	Total	35	\$32,704	53	\$42,440
		Area of Study				
		Health Care	4	\$20,906	9	\$15,400
		Skilled Trades, Manufacturing & Construction	27	\$35,040	38	\$43,666
		Hospitality & Culinary Arts	4	\$23,918	6	\$37,080
	Non-Credential Earners	Total	25	\$18,760	34	\$27,464
		Area of Study				
		Health Care	11	\$15,424	18	\$19,584
		Information Technology	4	\$19,424	3	\$33,212
		Skilled Trades, Manufacturing & Construction	8	\$31,458	10	\$40,156
		Hospitality & Culinary Arts	2	\$25,144	3	\$29,844
Tidewater	Credential Earners	Total	87	\$16,908	98	\$34,768
		Area of Study				
		Health Care	56	\$18,256	59	\$36,252
		Information Technology	1	\$364	1	\$2,040
		Skilled Trades, Manufacturing & Construction	30	\$14,382	38	\$32,996
	Non-Credential Earners	Total	251	\$18,512	254	\$33,040
		Area of Study				
		Health Care	185	\$19,004	188	\$34,840
		Information Technology	20	\$24,884	17	\$37,776
		Skilled Trades, Manufacturing & Construction	40	\$16,584	45	\$23,760
		Hospitality & Culinary Arts	6	\$13,980	4	\$25,440
Virginia Highlands	Credential Earners	Total	34	\$21,004	37	\$28,348
		Area of Study				
		Health Care	30	\$21,004	33	\$24,476
		Skilled Trades, Manufacturing & Construction	.	.	1	\$30,164
		Hospitality & Culinary Arts	4	\$19,002	3	\$41,072
	Non-Credential Earners	Total	21	\$23,176	25	\$33,208

Virginia Peninsula	Credential Earners	Area of Study				
		Health Care	20	\$24,622	24	\$34,076
		Hospitality & Culinary Arts	1	\$12,252	1	\$5,548
		Total	77	\$15,172	88	\$35,254
		Area of Study				
		Health Care	35	\$16,368	43	\$34,412
		Information Technology	1	\$5,744	1	\$38,496
		Skilled Trades, Manufacturing & Construction	41	\$15,064	44	\$37,114
		Hospitality & Culinary Arts	.	.	.	.
		Total	137	\$18,720	141	\$33,232
		Area of Study				
		Health Care	83	\$16,544	81	\$26,960
		Information Technology	16	\$27,554	18	\$39,850
		Skilled Trades, Manufacturing & Construction	38	\$19,912	42	\$44,724
		Total	8	\$15,574	13	\$28,056
Virginia Western	Credential Earners	Area of Study				
		Health Care	7	\$16,292	12	\$26,306
		Skilled Trades, Manufacturing & Construction	1	\$14,856	1	\$44,708
		Total	17	\$17,492	16	\$28,886
		Area of Study				
		Health Care	17	\$17,492	16	\$28,886
Wytheville	Credential Earners	Total	50	\$24,504	50	\$48,192
		Area of Study				
		Skilled Trades, Manufacturing & Construction	50	\$24,504	50	\$48,192
		Total	12	\$31,384	11	\$35,920
		Area of Study				
		Skilled Trades, Manufacturing & Construction	12	\$31,384	11	\$35,920

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

		# Completions	# Annual Openings	% Completions	% Annual Openings
A_VCCS	Program Area				
	Health Care	3,932	179,001	32%	21%
	Information Technology	2,045	135,714	17%	16%
	Education	324	54,913	3%	6%
	Skilled Trades, Manufacturing & Construction	5,635	321,201	46%	37%
	Public Safety	296	52,549	2%	6%
Blue Ridge	Hospitality & Culinary Arts	42	26,788	0%	3%
	Health Care	226	4,786	58%	22%
	Information Technology	51	1,596	13%	7%
	Education	13	1,476	3%	7%
	Skilled Trades, Manufacturing & Construction	98	9,282	25%	43%
	Public Safety	1	853	0%	4%
Brightpoint	Hospitality & Culinary Arts	.	911	.	4%
	Health Care	533	9,580	46%	23%
	Information Technology	203	3,287	17%	8%
	Education	15	2,857	1%	7%
	Skilled Trades, Manufacturing & Construction	407	16,955	35%	41%
	Public Safety	11	2,256	1%	6%
Central Virginia	Hospitality & Culinary Arts	.	1,339	.	3%
	Health Care	151	5,164	18%	24%
	Information Technology	28	2,314	3%	11%
	Education	11	1,466	1%	7%
	Skilled Trades, Manufacturing & Construction	616	8,199	75%	38%
	Public Safety	8	880	1%	4%
Danville	Hospitality & Culinary Arts	4	697	0%	3%
	Health Care	57	2,660	24%	29%
	Information Technology	16	413	7%	4%
	Education	40	697	17%	8%
	Skilled Trades, Manufacturing & Construction	113	3,776	48%	41%
	Public Safety	9	398	4%	4%
Eastern Shore	Hospitality & Culinary Arts	.	338	.	4%
	Health Care	76	724	18%	21%
	Information Technology	145	442	34%	13%
	Education	10	262	2%	7%
	Skilled Trades, Manufacturing & Construction	48	1,469	11%	42%
	Public Safety	144	161	34%	5%
Germanna	Hospitality & Culinary Arts	.	168	.	5%
	Health Care	161	7,359	24%	20%
	Information Technology	80	5,529	12%	15%
	Education	8	2,956	1%	8%
	Skilled Trades, Manufacturing & Construction	406	13,571	61%	37%
	Public Safety	6	2,560	1%	7%
J. Sargeant Reynolds	Hospitality & Culinary Arts	.	1,194	.	3%
	Health Care	158	20,863	57%	23%
	Information Technology	35	11,524	13%	13%
	Education	63	4,994	23%	5%
	Skilled Trades, Manufacturing & Construction	10	35,244	4%	39%
	Public Safety	8	5,008	3%	5%
Laurel Ridge	Hospitality & Culinary Arts	4	2,741	1%	3%
	Health Care	135	5,447	19%	21%
	Information Technology	201	2,988	28%	11%
	Education	6	1,820	1%	7%
	Skilled Trades, Manufacturing & Construction	366	10,364	52%	40%
	Public Safety	.	1,396	.	5%
Mountain Empire	Hospitality & Culinary Arts	.	875	.	3%
	Health Care	80	1,189	21%	24%
	Information Technology	21	370	5%	8%
	Education	.	477	.	10%
	Skilled Trades, Manufacturing & Construction	281	1,754	72%	36%
	Public Safety	6	350	2%	7%
Mountain Gateway	Hospitality & Culinary Arts	.	161	.	3%
	Health Care	62	1,737	28%	22%
	Information Technology	24	584	11%	7%
	Education	2	756	1%	10%
	Skilled Trades, Manufacturing & Construction	131	3,271	60%	42%
	Public Safety	.	333	.	4%
New River	Hospitality & Culinary Arts	.	291	.	4%
	Health Care	131	2,930	47%	19%
	Information Technology	6	1,922	2%	13%

Northern Virginia	Education	7	884	3%	6%
	Skilled Trades, Manufacturing & Construction	134	6,616	48%	43%
	Public Safety	1	624	0%	4%
	Hospitality & Culinary Arts	.	473	.	3%
	Health Care	389	58,043	25%	18%
Patrick & Henry	Information Technology	945	77,577	61%	24%
	Education	40	18,949	3%	6%
	Skilled Trades, Manufacturing & Construction	159	110,798	10%	34%
	Public Safety	26	24,230	2%	7%
	Hospitality & Culinary Arts	.	9,194	.	3%
Paul D. Camp	Health Care	193	2,522	45%	29%
	Information Technology	1	422	0%	5%
	Education	13	681	3%	8%
	Skilled Trades, Manufacturing & Construction	217	3,538	51%	41%
	Public Safety	5	363	1%	4%
Piedmont Virginia	Hospitality & Culinary Arts	.	274	.	3%
	Health Care	69	2,835	41%	24%
	Information Technology	2	1,178	1%	10%
	Education	3	912	2%	8%
	Skilled Trades, Manufacturing & Construction	96	4,490	56%	39%
Rappahannock	Public Safety	.	641	.	6%
	Hospitality & Culinary Arts	.	379	.	3%
	Health Care	176	6,417	35%	22%
	Information Technology	23	3,898	5%	14%
	Education	3	2,332	1%	8%
Southside Virginia	Skilled Trades, Manufacturing & Construction	303	10,397	60%	36%
	Public Safety	.	1,327	.	5%
	Hospitality & Culinary Arts	.	1,014	.	4%
	Health Care	86	2,345	31%	18%
	Information Technology	.	1,990	.	15%
Southwest Virginia	Education	.	979	.	8%
	Skilled Trades, Manufacturing & Construction	191	5,302	68%	41%
	Public Safety	2	783	1%	6%
	Hospitality & Culinary Arts	.	415	.	3%
	Health Care	97	2,918	36%	27%
Tidewater	Information Technology	3	642	1%	6%
	Education	.	829	.	8%
	Skilled Trades, Manufacturing & Construction	163	4,216	61%	39%
	Public Safety	5	658	2%	6%
	Hospitality & Culinary Arts	.	302	.	3%
Virginia Highlands	Health Care	128	1,117	27%	21%
	Information Technology	17	336	4%	6%
	Education	28	444	6%	8%
	Skilled Trades, Manufacturing & Construction	294	2,272	62%	43%
	Public Safety	8	355	2%	7%
Virginia Peninsula	Hospitality & Culinary Arts	.	146	.	3%
	Health Care	406	23,248	32%	22%
	Information Technology	91	12,687	7%	12%
	Education	45	6,415	4%	6%
	Skilled Trades, Manufacturing & Construction	667	42,508	53%	41%
Virginia Western	Public Safety	32	5,905	3%	6%
	Hospitality & Culinary Arts	22	3,400	2%	3%
	Health Care	121	1,653	63%	20%
	Information Technology	8	1,095	4%	13%
	Education	.	568	.	7%
Wytheville	Skilled Trades, Manufacturing & Construction	63	3,314	33%	39%
	Public Safety	1	479	1%	6%
	Hospitality & Culinary Arts	.	349	.	4%
	Health Care	298	5,455	31%	23%
	Information Technology	85	2,463	9%	10%
Virginia Western	Education	8	1,725	1%	7%
	Skilled Trades, Manufacturing & Construction	562	9,637	58%	40%
	Public Safety	9	1,338	1%	6%
	Hospitality & Culinary Arts	.	964	.	4%
	Health Care	165	8,023	57%	28%
Wytheville	Information Technology	41	2,081	14%	7%
	Education	9	1,907	3%	7%
	Skilled Trades, Manufacturing & Construction	59	11,248	20%	39%
	Public Safety	3	1,159	1%	4%
	Hospitality & Culinary Arts	12	902	4%	3%
Wytheville	Health Care	34	1,987	11%	27%
	Information Technology	19	375	6%	5%
	Education	.	526	.	7%
	Skilled Trades, Manufacturing & Construction	251	2,979	80%	40%

	Public Safety		11	491	3%	7%
	Hospitality & Culinary Arts		.	261	.	4%

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

		# Completions	# Annual Openings	% Completions	% Annual Openings
A_VCCS	CIP Family				
	01. Agriculture, Agriculture Operations, and Related Sciences	37	1,464	0%	0%
	11. Computer and Information Sciences and Support Services	1,861	134,108	15%	16%
	12. Personal and Culinary Services	33	16,620	0%	2%
	13. Education	51	40,480	0%	5%
	14. Engineering	69	3,552	1%	0%
	15. Engineering Technologies/Technicians	449	62,611	4%	7%
	19. Family and Consumer Sciences/Human Sciences	273	14,433	2%	2%
	22. Legal Professions and Studies	.	3,096	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities	.	67,189	.	8%
	30. Multi/Interdisciplinary Studies	.	6,985	.	1%
	41. Science Technologies/Technicians	.	1,804	.	0%
	43. Security and Protective Services	296	52,549	2%	6%
	46. Construction Trades	1,937	127,838	16%	15%
	47. Mechanic and Repair Technologies/Technicians	1,441	60,187	12%	7%
	48. Precision Production	1,663	5,982	14%	1%
	49. Transportation and Materials Moving	.	9,396	.	1%
	51. Health Professions and Related Clinical Sciences	3,895	177,537	32%	21%
	52. Business, Management, Marketing, and Related Support Services	269	71,000	2%	8%
Blue Ridge	01. Agriculture, Agriculture Operations, and Related Sciences	25	41	6%	0%
	11. Computer and Information Sciences and Support Services	41	1,567	11%	7%
	12. Personal and Culinary Services	.	637	.	3%
	13. Education	1	1,099	0%	5%
	14. Engineering	1	62	0%	0%
	15. Engineering Technologies/Technicians	19	1,553	5%	7%
	19. Family and Consumer Sciences/Human Sciences	12	377	3%	2%
	22. Legal Professions and Studies	.	48	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities	.	1,874	.	9%
	30. Multi/Interdisciplinary Studies	.	190	.	1%
	41. Science Technologies/Technicians	.	38	.	0%
	43. Security and Protective Services	1	853	0%	4%
	46. Construction Trades	.	3,995	.	19%
	47. Mechanic and Repair Technologies/Technicians	10	2,017	3%	9%
	48. Precision Production	78	337	20%	2%
	49. Transportation and Materials Moving	.	379	.	2%
	51. Health Professions and Related Clinical Sciences	201	4,745	52%	22%
	52. Business, Management, Marketing, and Related Support Services	.	1,583	.	7%
Brightpoint	01. Agriculture, Agriculture Operations, and Related Sciences	.	67	.	0%
	11. Computer and Information Sciences and Support Services	192	3,227	16%	8%
	12. Personal and Culinary Services	.	869	.	2%

	13. Education		.	2,113	.	5%
	14. Engineering		3	182	0%	0%
	15. Engineering Technologies/Technicians		15	3,128	1%	8%
	19. Family and Consumer Sciences/Human Sciences		15	744	1%	2%
	22. Legal Professions and Studies		.	118	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	3,360	.	8%
	30. Multi/Interdisciplinary Studies		.	356	.	1%
	41. Science Technologies/Technicians		.	67	.	0%
	43. Security and Protective Services		11	2,256	1%	6%
	46. Construction Trades		101	7,242	9%	18%
	47. Mechanic and Repair Technologies/Technicians		33	3,376	3%	8%
	48. Precision Production		117	307	10%	1%
	49. Transportation and Materials Moving		.	856	.	2%
	51. Health Professions and Related Clinical Sciences		533	9,513	46%	23%
	52. Business, Management, Marketing, and Related Support Services		149	3,182	13%	8%
Central Virginia	01. Agriculture, Agriculture Operations, and Related Sciences		.	40	.	0%
	11. Computer and Information Sciences and Support Services		23	2,260	3%	11%
	12. Personal and Culinary Services		4	479	0%	2%
	13. Education		.	1,077	.	5%
	14. Engineering		1	94	0%	0%
	15. Engineering Technologies/Technicians		12	1,458	1%	7%
	19. Family and Consumer Sciences/Human Sciences		11	389	1%	2%
	22. Legal Professions and Studies		.	50	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	2,209	.	10%
	30. Multi/Interdisciplinary Studies		.	206	.	1%
	41. Science Technologies/Technicians		.	35	.	0%
	43. Security and Protective Services		8	880	1%	4%
	46. Construction Trades		391	3,357	48%	16%
	47. Mechanic and Repair Technologies/Technicians		143	1,730	17%	8%
	48. Precision Production		62	227	8%	1%
Danville	49. Transportation and Materials Moving		.	223	.	1%
	51. Health Professions and Related Clinical Sciences		151	5,124	18%	24%
	52. Business, Management, Marketing, and Related Support Services		12	1,570	1%	7%
	01. Agriculture, Agriculture Operations, and Related Sciences		.	14	.	0%
	11. Computer and Information Sciences and Support Services		5	397	2%	4%
	12. Personal and Culinary Services		.	217	.	2%
	13. Education		.	521	.	6%
	14. Engineering		.	26	.	0%
	15. Engineering Technologies/Technicians		25	636	11%	7%
	19. Family and Consumer Sciences/Human Sciences		40	176	17%	2%
	22. Legal Professions and Studies		.	19	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	662	.	7%
	30. Multi/Interdisciplinary Studies		.	93	.	1%

	41. Science Technologies/Technicians		.	15	.	0%
	43. Security and Protective Services		9	398	4%	4%
	46. Construction Trades		7	1,662	3%	18%
	47. Mechanic and Repair Technologies/Technicians					
			58	859	25%	9%
	48. Precision Production		24	99	10%	1%
	49. Transportation and Materials Moving		.	159	.	2%
	51. Health Professions and Related Clinical Sciences		57	2,645	24%	29%
Eastern Shore	52. Business, Management, Marketing, and Related Support Services		10	616	4%	7%
	01. Agriculture, Agriculture Operations, and Related Sciences		.	5	.	0%
	11. Computer and Information Sciences and Support Services		145	436	34%	12%
	12. Personal and Culinary Services		.	113	.	3%
	13. Education		.	193	.	5%
	14. Engineering		.	22	.	1%
	15. Engineering Technologies/Technicians					
			2	225	0%	6%
	19. Family and Consumer Sciences/Human Sciences		10	69	2%	2%
	22. Legal Professions and Studies		.	5	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	210	.	6%
	30. Multi/Interdisciplinary Studies		.	30	.	1%
	41. Science Technologies/Technicians		.	7	.	0%
	43. Security and Protective Services		144	161	34%	5%
	46. Construction Trades		19	615	4%	18%
	47. Mechanic and Repair Technologies/Technicians					
			10	369	2%	11%
	48. Precision Production		17	42	4%	1%
	49. Transportation and Materials Moving		.	37	.	1%
	51. Health Professions and Related Clinical Sciences		76	719	18%	20%
	52. Business, Management, Marketing, and Related Support Services		.	251	.	7%
Germannanna	01. Agriculture, Agriculture Operations, and Related Sciences		.	69	.	0%
	11. Computer and Information Sciences and Support Services		73	5,467	11%	15%
	12. Personal and Culinary Services		.	731	.	2%
	13. Education		.	2,210	.	6%
	14. Engineering		.	205	.	1%
	15. Engineering Technologies/Technicians					
			7	2,741	1%	7%
	19. Family and Consumer Sciences/Human Sciences		8	746	1%	2%
	22. Legal Professions and Studies		.	141	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	2,864	.	8%
	30. Multi/Interdisciplinary Studies		.	299	.	1%
	41. Science Technologies/Technicians		.	76	.	0%
	43. Security and Protective Services		6	2,560	1%	7%
	46. Construction Trades		305	5,175	46%	14%
	47. Mechanic and Repair Technologies/Technicians					
			76	2,520	11%	7%
	48. Precision Production		25	203	4%	1%
	49. Transportation and Materials Moving		.	350	.	1%
	51. Health Professions and Related Clinical Sciences					
			161	7,289	24%	20%

	52. Business, Management, Marketing, and Related Support Services		.	3,177	.	9%
J. Sargeant Reynolds	01. Agriculture, Agriculture Operations, and Related Sciences		.	189	.	0%
	11. Computer and Information Sciences and Support Services		23	11,390	8%	13%
	12. Personal and Culinary Services		4	1,680	1%	2%
	13. Education		3	3,554	1%	4%
	14. Engineering		.	264	.	0%
	15. Engineering Technologies/Technicians		14	6,368	5%	7%
	19. Family and Consumer Sciences/Human Sciences		60	1,439	22%	2%
	22. Legal Professions and Studies		.	438	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	8,226	.	9%
	30. Multi/Interdisciplinary Studies		.	832	.	1%
	41. Science Technologies/Technicians		.	195	.	0%
	43. Security and Protective Services		8	5,008	3%	5%
	46. Construction Trades		.	14,399	.	16%
	47. Mechanic and Repair Technologies/Technicians		7	6,771	3%	7%
	48. Precision Production		1	684	0%	1%
	49. Transportation and Materials Moving		.	1,191	.	1%
	51. Health Professions and Related Clinical Sciences		158	20,674	57%	23%
	52. Business, Management, Marketing, and Related Support Services		.	7,759	.	9%
Laurel Ridge	01. Agriculture, Agriculture Operations, and Related Sciences		.	49	.	0%
	11. Computer and Information Sciences and Support Services		193	2,955	27%	11%
	12. Personal and Culinary Services		.	564	.	2%
	13. Education		1	1,365	0%	5%
	14. Engineering		5	89	1%	0%
	15. Engineering Technologies/Technicians		11	1,881	2%	7%
	19. Family and Consumer Sciences/Human Sciences		5	455	1%	2%
	22. Legal Professions and Studies		.	80	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	2,275	.	9%
	30. Multi/Interdisciplinary Studies		.	243	.	1%
	41. Science Technologies/Technicians		.	48	.	0%
	43. Security and Protective Services		.	1,396	.	5%
	46. Construction Trades		152	4,253	21%	16%
	47. Mechanic and Repair Technologies/Technicians		151	2,176	21%	8%
	48. Precision Production		43	230	6%	1%
	49. Transportation and Materials Moving		.	529	.	2%
	51. Health Professions and Related Clinical Sciences		135	5,397	19%	21%
	52. Business, Management, Marketing, and Related Support Services		12	2,030	2%	8%
Mountain Empire	01. Agriculture, Agriculture Operations, and Related Sciences		.	6	.	0%
	11. Computer and Information Sciences and Support Services		14	366	4%	8%
	12. Personal and Culinary Services		.	121	.	3%
	13. Education		.	361	.	7%
	14. Engineering		.	17	.	0%

	15. Engineering Technologies/Technicians		57	315	15%	6%
	19. Family and Consumer Sciences/Human Sciences		.	116	.	2%
	22. Legal Professions and Studies		.	17	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	387	.	8%
	30. Multi/Interdisciplinary Studies		.	50	.	1%
	41. Science Technologies/Technicians		.	7	.	0%
	43. Security and Protective Services		6	350	2%	7%
	46. Construction Trades		137	750	35%	15%
	47. Mechanic and Repair Technologies/Technicians		36	352	9%	7%
	48. Precision Production		57	38	15%	1%
	49. Transportation and Materials Moving		.	101	.	2%
	51. Health Professions and Related Clinical Sciences		80	1,183	21%	24%
	52. Business, Management, Marketing, and Related Support Services		1	318	0%	7%
Mountain Gateway	01. Agriculture, Agriculture Operations, and Related Sciences		.	18	.	0%
	11. Computer and Information Sciences and Support Services		14	570	6%	7%
	12. Personal and Culinary Services		.	181	.	2%
	13. Education		2	594	1%	8%
	14. Engineering		.	32	.	0%
	15. Engineering Technologies/Technicians		10	573	5%	7%
	19. Family and Consumer Sciences/Human Sciences		.	161	.	2%
	22. Legal Professions and Studies		.	15	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	632	.	8%
	30. Multi/Interdisciplinary Studies		.	89	.	1%
	41. Science Technologies/Technicians		.	15	.	0%
	43. Security and Protective Services		.	333	.	4%
	46. Construction Trades		74	1,341	34%	17%
	47. Mechanic and Repair Technologies/Technicians		48	725	22%	9%
	48. Precision Production		9	117	4%	1%
	49. Transportation and Materials Moving		.	116	.	1%
	51. Health Professions and Related Clinical Sciences		62	1,719	28%	22%
	52. Business, Management, Marketing, and Related Support Services		.	593	.	8%
New River	01. Agriculture, Agriculture Operations, and Related Sciences		.	53	.	0%
	11. Computer and Information Sciences and Support Services		5	1,842	2%	12%
	12. Personal and Culinary Services		.	314	.	2%
	13. Education		1	656	0%	4%
	14. Engineering		1	79	0%	1%
	15. Engineering Technologies/Technicians		18	1,219	6%	8%
	19. Family and Consumer Sciences/Human Sciences		6	228	2%	1%
	22. Legal Professions and Studies		.	23	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	1,410	.	9%
	30. Multi/Interdisciplinary Studies		.	139	.	1%
	41. Science Technologies/Technicians		.	69	.	0%
	43. Security and Protective Services		1	624	0%	4%

	46. Construction Trades	20	2,764	7%	18%
	47. Mechanic and Repair Technologies/Technicians	23	1,467	8%	10%
	48. Precision Production	57	162	20%	1%
	49. Transportation and Materials Moving	.	239	.	2%
	51. Health Professions and Related Clinical Sciences	131	2,877	47%	19%
	52. Business, Management, Marketing, and Related Support Services	16	1,095	6%	7%
Northern Virginia	01. Agriculture, Agriculture Operations, and Related Sciences	5	418	0%	0%
	11. Computer and Information Sciences and Support Services	893	77,189	57%	24%
	12. Personal and Culinary Services	.	5,318	.	2%
	13. Education	16	13,913	1%	4%
	14. Engineering	32	1,139	2%	0%
	15. Engineering Technologies/Technicians	55	23,315	4%	7%
	19. Family and Consumer Sciences/Human Sciences	24	5,037	2%	2%
	22. Legal Professions and Studies	.	1,405	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities	.	22,947	.	7%
	30. Multi/Interdisciplinary Studies	.	2,245	.	1%
	41. Science Technologies/Technicians	.	566	.	0%
	43. Security and Protective Services	26	24,230	2%	7%
	46. Construction Trades	30	41,474	2%	13%
	47. Mechanic and Repair Technologies/Technicians	59	17,703	4%	5%
	48. Precision Production	.	1,376	.	0%
	49. Transportation and Materials Moving	.	1,949	.	1%
	51. Health Professions and Related Clinical Sciences	384	57,626	25%	18%
	52. Business, Management, Marketing, and Related Support Services	35	29,488	2%	9%
Patrick & Henry	01. Agriculture, Agriculture Operations, and Related Sciences	.	18	.	0%
	11. Computer and Information Sciences and Support Services	.	415	.	5%
	12. Personal and Culinary Services	.	188	.	2%
	13. Education	.	491	.	6%
	14. Engineering	.	20	.	0%
	15. Engineering Technologies/Technicians	43	575	10%	7%
	19. Family and Consumer Sciences/Human Sciences	13	190	3%	2%
	22. Legal Professions and Studies	.	20	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities	.	636	.	7%
	30. Multi/Interdisciplinary Studies	.	68	.	1%
	41. Science Technologies/Technicians	.	10	.	0%
	43. Security and Protective Services	5	363	1%	4%
	46. Construction Trades	110	1,631	26%	19%
	47. Mechanic and Repair Technologies/Technicians	43	746	10%	9%
	48. Precision Production	21	100	5%	1%
	49. Transportation and Materials Moving	.	147	.	2%
	51. Health Professions and Related Clinical Sciences	193	2,504	45%	29%
	52. Business, Management, Marketing, and Related Support Services	1	549	0%	6%

Paul D. Camp	01. Agriculture, Agriculture Operations, and Related Sciences		.	32	.	0%
	11. Computer and Information Sciences and Support Services		2	1,150	1%	10%
	12. Personal and Culinary Services		.	248	.	2%
	13. Education		.	693	.	6%
	14. Engineering		.	73	.	1%
	15. Engineering Technologies/Technicians		.	864	.	7%
	19. Family and Consumer Sciences/Human Sciences		3	220	2%	2%
	22. Legal Professions and Studies		.	26	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	833	.	7%
	30. Multi/Interdisciplinary Studies		.	126	.	1%
	41. Science Technologies/Technicians		.	35	.	0%
	43. Security and Protective Services		.	641	.	6%
	46. Construction Trades		24	1,866	14%	16%
	47. Mechanic and Repair Technologies/Technicians		44	868	26%	7%
	48. Precision Production		22	86	13%	1%
	49. Transportation and Materials Moving		.	197	.	2%
	51. Health Professions and Related Clinical Sciences		69	2,802	41%	24%
	52. Business, Management, Marketing, and Related Support Services		6	857	4%	7%
Piedmont Virginia	01. Agriculture, Agriculture Operations, and Related Sciences		.	80	.	0%
	11. Computer and Information Sciences and Support Services		23	3,839	5%	13%
	12. Personal and Culinary Services		.	626	.	2%
	13. Education		1	1,734	0%	6%
	14. Engineering		2	97	0%	0%
	15. Engineering Technologies/Technicians		1	1,897	0%	7%
	19. Family and Consumer Sciences/Human Sciences		2	598	0%	2%
	22. Legal Professions and Studies		.	78	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	2,625	.	9%
	30. Multi/Interdisciplinary Studies		.	264	.	1%
	41. Science Technologies/Technicians		.	140	.	0%
	43. Security and Protective Services		.	1,327	.	5%
	46. Construction Trades		176	4,405	35%	15%
	47. Mechanic and Repair Technologies/Technicians		63	1,832	12%	6%
	48. Precision Production		61	184	12%	1%
	49. Transportation and Materials Moving		.	282	.	1%
	51. Health Professions and Related Clinical Sciences		176	6,337	35%	22%
	52. Business, Management, Marketing, and Related Support Services		.	2,289	.	8%
Rappahannock	01. Agriculture, Agriculture Operations, and Related Sciences		.	20	.	0%
	11. Computer and Information Sciences and Support Services		.	1,943	.	15%
	12. Personal and Culinary Services		.	266	.	2%
	13. Education		.	737	.	6%
	14. Engineering		.	145	.	1%
	15. Engineering Technologies/Technicians		1	1,099	0%	8%

	19. Family and Consumer Sciences/Human Sciences		.	242	.	2%
	22. Legal Professions and Studies		.	28	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	871	.	7%
	30. Multi/Interdisciplinary Studies		.	86	.	1%
	41. Science Technologies/Technicians		.	37	.	0%
	43. Security and Protective Services		2	783	1%	6%
	46. Construction Trades		1	2,128	0%	16%
	47. Mechanic and Repair Technologies/Technicians					
			57	1,004	20%	8%
	48. Precision Production		132	93	47%	1%
	49. Transportation and Materials Moving		.	211	.	2%
	51. Health Professions and Related Clinical Sciences		86	2,325	31%	18%
	52. Business, Management, Marketing, and Related Support Services		.	993	.	8%
Southside Virginia	01. Agriculture, Agriculture Operations, and Related Sciences		.	20	.	0%
	11. Computer and Information Sciences and Support Services		3	627	1%	6%
	12. Personal and Culinary Services		.	193	.	2%
	13. Education		.	625	.	6%
	14. Engineering		.	25	.	0%
	15. Engineering Technologies/Technicians					
			12	702	4%	7%
	19. Family and Consumer Sciences/Human Sciences		.	204	.	2%
	22. Legal Professions and Studies		.	30	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	798	.	7%
	30. Multi/Interdisciplinary Studies		.	93	.	1%
	41. Science Technologies/Technicians		.	15	.	0%
	43. Security and Protective Services		5	658	2%	6%
	46. Construction Trades		12	1,944	4%	18%
	47. Mechanic and Repair Technologies/Technicians					
			137	860	51%	8%
	48. Precision Production		1	92	0%	1%
	49. Transportation and Materials Moving		.	250	.	2%
Southwest Virginia	51. Health Professions and Related Clinical Sciences					
			97	2,898	36%	27%
	52. Business, Management, Marketing, and Related Support Services		1	700	0%	7%
	01. Agriculture, Agriculture Operations, and Related Sciences		.	5	.	0%
	11. Computer and Information Sciences and Support Services		8	323	2%	6%
	12. Personal and Culinary Services		.	104	.	2%
	13. Education		5	335	1%	6%
	14. Engineering		3	20	1%	0%
	15. Engineering Technologies/Technicians					
			26	424	5%	8%
	19. Family and Consumer Sciences/Human Sciences		23	109	5%	2%
	22. Legal Professions and Studies		.	15	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	398	.	7%
	30. Multi/Interdisciplinary Studies		.	43	.	1%
	41. Science Technologies/Technicians		.	7	.	0%
	43. Security and Protective Services		8	355	2%	7%
	46. Construction Trades		73	1,037	15%	20%

	47. Mechanic and Repair Technologies/Technicians		92	447	19%	8%
	48. Precision Production		109	60	23%	1%
	49. Transportation and Materials Moving		.	191	.	4%
	51. Health Professions and Related Clinical Sciences		128	1,112	27%	21%
	52. Business, Management, Marketing, and Related Support Services		.	331	.	6%
Tidewater	01. Agriculture, Agriculture Operations, and Related Sciences		7	179	1%	0%
	11. Computer and Information Sciences and Support Services		88	12,357	7%	12%
	12. Personal and Culinary Services		13	2,171	1%	2%
	13. Education		21	4,718	2%	5%
	14. Engineering		9	650	1%	1%
	15. Engineering Technologies/Technicians		25	8,447	2%	8%
	19. Family and Consumer Sciences/Human Sciences		24	1,697	2%	2%
	22. Legal Professions and Studies		.	350	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	8,242	.	8%
	30. Multi/Interdisciplinary Studies		.	892	.	1%
	41. Science Technologies/Technicians		.	269	.	0%
	43. Security and Protective Services		32	5,905	3%	6%
	46. Construction Trades		145	16,591	11%	16%
	47. Mechanic and Repair Technologies/Technicians		193	8,740	15%	8%
	48. Precision Production		298	874	24%	1%
	49. Transportation and Materials Moving		.	1,145	.	1%
	51. Health Professions and Related Clinical Sciences		399	23,070	32%	22%
	52. Business, Management, Marketing, and Related Support Services		9	8,496	1%	8%
Virginia Highlands	01. Agriculture, Agriculture Operations, and Related Sciences		.	11	.	0%
	11. Computer and Information Sciences and Support Services		2	1,083	1%	13%
	12. Personal and Culinary Services		.	251	.	3%
	13. Education		.	442	.	5%
	14. Engineering		1	43	1%	1%
	15. Engineering Technologies/Technicians		9	627	5%	7%
	19. Family and Consumer Sciences/Human Sciences		.	126	.	1%
	22. Legal Professions and Studies		.	16	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities		.	767	.	9%
	30. Multi/Interdisciplinary Studies		.	73	.	1%
	41. Science Technologies/Technicians		.	16	.	0%
	43. Security and Protective Services		1	479	1%	6%
	46. Construction Trades		10	1,378	5%	16%
	47. Mechanic and Repair Technologies/Technicians		22	561	11%	7%
	48. Precision Production		27	84	14%	1%
	49. Transportation and Materials Moving		.	105	.	1%
	51. Health Professions and Related Clinical Sciences		121	1,642	63%	20%
	52. Business, Management, Marketing, and Related Support Services		.	716	.	9%
Virginia Peninsula	01. Agriculture, Agriculture Operations, and Related Sciences		.	50	.	0%

	11. Computer and Information Sciences and Support Services	80	2,385	8%	10%
	12. Personal and Culinary Services	.	590	.	2%
	13. Education	.	1,272	.	5%
	14. Engineering	2	125	0%	1%
	15. Engineering Technologies/Technicians	6	1,822	1%	8%
	19. Family and Consumer Sciences/Human Sciences	8	454	1%	2%
	22. Legal Professions and Studies	.	62	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities	.	1,968	.	8%
	30. Multi/Interdisciplinary Studies	.	206	.	1%
	41. Science Technologies/Technicians	.	58	.	0%
	43. Security and Protective Services	9	1,338	1%	6%
	46. Construction Trades	63	3,817	7%	16%
	47. Mechanic and Repair Technologies/Technicians	87	2,110	9%	9%
	48. Precision Production	395	196	41%	1%
	49. Transportation and Materials Moving	.	221	.	1%
	51. Health Professions and Related Clinical Sciences	298	5,405	31%	22%
	52. Business, Management, Marketing, and Related Support Services	14	1,961	1%	8%
Virginia Western	01. Agriculture, Agriculture Operations, and Related Sciences	.	66	.	0%
	11. Computer and Information Sciences and Support Services	24	1,973	8%	7%
	12. Personal and Culinary Services	12	583	4%	2%
	13. Education	.	1,393	.	5%
	14. Engineering	9	116	3%	0%
	15. Engineering Technologies/Technicians	31	2,187	11%	8%
	19. Family and Consumer Sciences/Human Sciences	9	513	3%	2%
	22. Legal Professions and Studies	.	94	.	0%
	24. Liberal Arts and Sciences, General Studies and Humanities	.	2,443	.	9%
	30. Multi/Interdisciplinary Studies	.	295	.	1%
	41. Science Technologies/Technicians	.	66	.	0%
	43. Security and Protective Services	3	1,159	1%	4%
	46. Construction Trades	14	4,813	5%	17%
	47. Mechanic and Repair Technologies/Technicians	10	2,269	3%	8%
	48. Precision Production	10	283	3%	1%
	49. Transportation and Materials Moving	.	386	.	1%
	51. Health Professions and Related Clinical Sciences	165	7,957	57%	28%
	52. Business, Management, Marketing, and Related Support Services	2	1,940	1%	7%
Wytheville	01. Agriculture, Agriculture Operations, and Related Sciences	.	13	.	0%
	11. Computer and Information Sciences and Support Services	10	346	3%	5%
	12. Personal and Culinary Services	.	175	.	2%
	13. Education	.	384	.	5%
	14. Engineering	.	27	.	0%
	15. Engineering Technologies/Technicians	50	559	16%	8%
	19. Family and Consumer Sciences/Human Sciences	.	141	.	2%
	22. Legal Professions and Studies	.	17	.	0%

	24. Liberal Arts and Sciences, General Studies and Humanities		.	552	.	7%
	30. Multi/Interdisciplinary Studies		.	66	.	1%
	41. Science Technologies/Technicians		.	10	.	0%
	43. Security and Protective Services		11	491	3%	7%
	46. Construction Trades		73	1,200	23%	16%
	47. Mechanic and Repair Technologies/Technicians					
			39	685	12%	9%
	48. Precision Production		97	108	31%	1%
	49. Transportation and Materials Moving		.	134	.	2%
	51. Health Professions and Related Clinical Sciences					
			34	1,974	11%	27%
	52. Business, Management, Marketing, and Related Support Services					
			1	505	0%	7%

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

VCCS

		# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description				
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	37	1,464	0%	0%
11.0101	Computer and Information Sciences, General	770	14,441	6%	2%
11.0102	Artificial Intelligence	3	7,897	0%	1%
11.0103	Information Technology	116	13,458	1%	2%
11.0202	Computer Programming, Specific Applications	37	9,580	0%	1%
11.0501	Computer Systems Analysis/Analyst	12	10,262	0%	1%
11.0701	Computer Science	87	14,324	1%	2%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	14	2,442	0%	0%
11.0901	Computer Systems Networking and Telecommunications	143	10,718	1%	1%
11.0902	Cloud Computing	161	10,511	1%	1%
11.1001	Network and System Administration/Administrator	8	5,551	0%	1%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	457	9,928	4%	1%
11.1005	Information Technology Project Management	11	10,555	0%	1%
11.9999	Computer and Information Sciences and Support Services, Other	42	14,441	0%	2%
12.0500	Cooking and Related Culinary Arts, General	33	16,620	0%	2%
13.0101	Education, General	30	13,829	0%	2%
13.1205	Secondary Education and Teaching	.	2,687	.	0%
13.1210	Early Childhood Education and Teaching	.	18,075	.	2%
13.1501	Teacher Assistant/Aide	21	5,889	0%	1%
14.0101	Engineering, General	69	3,552	1%	0%
15.0000	Engineering Technologies/Technicians, General	14	1,402	0%	0%
15.0101	Architectural Engineering Technologies/Technicians	.	2,526	.	0%
15.0201	Civil Engineering Technologies/Technicians	1	1,487	0%	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	184	1,606	1%	0%
15.0405	Robotics Technology/Technician	.	1,468	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	12	31	0%	0%
15.0599	Environmental Control Technologies/Technicians, Other	39	14,468	0%	2%
15.0612	Industrial Technology/Technician	32	494	0%	0%
15.0613	Manufacturing Engineering Technology/Technician	34	24,351	0%	3%
15.0699	Industrial Production Technologies/Technicians, Other	43	114	0%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	12	50	0%	0%
15.0901	Mining Technology/Technician	1	469	0%	0%
15.1001	Construction Engineering Technology/Technician	4	4,757	0%	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	30	417	0%	0%
15.1401	Nuclear Engineering Technology/Technician	.	51	.	0%
15.1701	Energy Systems Technology/Technician	43	8,920	0%	1%
19.0707	Family and Community Services	2	2,151	0%	0%
19.0709	Child Care Provider/Assistant	271	12,282	2%	1%
22.0302	Legal Assistant/Paralegal	.	3,096	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.	67,189	.	8%
30.0101	Biological and Physical Sciences	.	6,985	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.	1,804	.	0%
43.0102	Corrections	5	1,867	0%	0%
43.0103	Criminal Justice/Law Enforcement Administration	116	13,071	1%	2%
43.0104	Criminal Justice/Safety Studies	23	18,410	0%	2%
43.0203	Fire Science/Fire-fighting	7	1,205	0%	0%
43.0303	Critical Infrastructure Protection	28	3,180	0%	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	116	13,086	1%	2%
43.0406	Forensic Science and Technology	1	1,729	0%	0%
46.0000	Construction Trades, General	919	32,258	7%	4%
46.0101	Mason/Masonry	21	2,661	0%	0%
46.0201	Carpentry/Carpenter	59	5,321	0%	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	141	7,796	1%	1%
46.0302	Electrician	665	6,604	5%	1%
46.0401	Building/Property Maintenance	10	29,426	0%	3%
46.0403	Building/Home/Construction Inspection/Inspector	3	612	0%	0%
46.0412	Building/Construction Site Management/Manager	7	3,573	0%	0%
46.0503	Plumbing Technology/Plumber	111	7,328	1%	1%

46.9999	Construction Trades, Other	1	32,258	0%	4%
47.0000	Mechanics and Repairers, General	.	619	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	27	6,653	0%	1%
47.0105	Industrial Electronics Technology/Technician	46	5,992	0%	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	679	16,741	6%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	54	8,089	0%	1%
47.0603	Autobody/Collision and Repair Technology/Technician	1	7,904	0%	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	276	3,840	2%	0%
47.0605	Diesel Mechanics Technology/Technician	34	2,983	0%	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	11	3,941	0%	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	6	614	0%	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	196	579	2%	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	111	2,236	1%	0%
48.0000	Precision Production Trades, General	122	650	1%	0%
48.0508	Welding Technology/Welder	1,441	5,310	12%	1%
48.0599	Precision Metal Working, Other	100	23	1%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	7,822	.	1%
49.0206	Mobil Crane Operator/Operation	.	1,208	.	0%
49.0207	Flagging and Traffic Control	.	366	.	0%
51.0601	Dental Assisting/Assistant	17	1,671	0%	0%
51.0602	Dental Hygiene/Hygienist	21	304	0%	0%
51.0707	Health Information/Medical Records Technology/Technician	75	6,196	1%	1%
51.0708	Medical Transcription/Transcriptionist	1	3,213	0%	0%
51.0710	Medical Office Assistant/Specialist	135	20,687	1%	2%
51.0713	Medical Insurance Coding Specialist/Coder	361	7,202	3%	1%
51.0799	Health and Medical Administrative Services, Other	29	15,376	0%	2%
51.0801	Medical/Clinical Assistant	866	2,625	7%	0%
51.0803	Occupational Therapist Assistant	16	202	0%	0%
51.0805	Pharmacy Technician/Assistant	34	1,193	0%	0%
51.0806	Physical Therapy Assistant	47	804	0%	0%
51.0902	Electrocardiograph Technology/Technician	190	298	2%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	125	3,783	1%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	6	382	0%	0%
51.0908	Respiratory Care Therapy/Therapist	36	495	0%	0%
51.0909	Surgical Technology/Technologist	8	765	0%	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	23	477	0%	0%
51.0911	Radiologic Technology/Science - Radiographer	34	709	0%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	170	16,423	1%	2%
51.1004	Clinical/Medical Laboratory Technician	51	656	0%	0%
51.1009	Phlebotomy Technician/Phlebotomist	633	1,108	5%	0%
51.1012	Sterile Processing Technology/Technician	12	3,070	0%	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	13	656	0%	0%
51.1501	Substance Abuse/Addiction Counseling	1	3,146	0%	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	129	3,146	1%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	3	297	0%	0%
51.2006	Clinical and Industrial Drug Development	.	314	.	0%
51.2010	Pharmaceutical Sciences	10	591	0%	0%
51.2603	Medication Aide	51	21,119	0%	2%
51.3501	Massage Therapy/Therapeutic Massage	4	730	0%	0%
51.3801	Registered Nursing/Registered Nurse	243	6,578	2%	1%
51.3901	Licensed Practical/Vocational Nurse Training	102	1,488	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	442	20,649	4%	2%
51.9999	Health Professions and Related Clinical Sciences, Other	7	31,183	0%	4%
52.0203	Logistics, Materials, and Supply Chain Management	133	6,235	1%	1%
52.0211	Project Management	26	27,339	0%	3%
52.0499	Business Operations Support and Secretarial Services, Other	23	17,328	0%	2%
52.0901	Hospitality Administration/Management, General	9	10,168	0%	1%
52.1001	Human Resources Management/Personnel Administration, General	78	9,930	1%	1%

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	25	41	6%	0%
11.0101	Computer and Information Sciences, General	16	151	4%	1%
11.0102	Artificial Intelligence	.	64	.	0%
11.0103	Information Technology	.	145	.	1%
11.0202	Computer Programming, Specific Applications	.	75	.	0%
11.0501	Computer Systems Analysis/Analyst	.	81	.	0%
11.0701	Computer Science	.	138	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	33	.	0%
11.0901	Computer Systems Networking and Telecommunications	8	119	2%	1%
11.0902	Cloud Computing	9	277	2%	1%
11.1001	Network and System Administration/Administrator	.	68	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	5	116	1%	1%
11.1005	Information Technology Project Management	.	148	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	3	151	1%	1%
12.0500	Cooking and Related Culinary Arts, General	.	637	.	3%
13.0101	Education, General	1	395	0%	2%
13.1205	Secondary Education and Teaching	.	81	.	0%
13.1210	Early Childhood Education and Teaching	.	445	.	2%
13.1501	Teacher Assistant/Aide	.	178	.	1%
14.0101	Engineering, General	1	62	0%	0%
15.0000	Engineering Technologies/Technicians, General	2	29	1%	0%
15.0101	Architectural Engineering Technologies/Technicians	.	56	.	0%
15.0201	Civil Engineering Technologies/Technicians	.	31	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	10	29	3%	0%
15.0405	Robotics Technology/Technician	.	47	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other	.	300	.	1%
15.0612	Industrial Technology/Technician	.	14	.	0%
15.0613	Manufacturing Engineering Technology/Technician	4	747	1%	3%
15.0699	Industrial Production Technologies/Technicians, Other	.	9	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	2	1	1%	0%
15.0901	Mining Technology/Technician	.	5	.	0%
15.1001	Construction Engineering Technology/Technician	.	118	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1	17	0%	0%
15.1401	Nuclear Engineering Technology/Technician	.	0	.	0%
15.1701	Energy Systems Technology/Technician	.	149	.	1%
19.0707	Family and Community Services	.	80	.	0%
19.0709	Child Care Provider/Assistant	12	298	3%	1%
22.0302	Legal Assistant/Paralegal	.	48	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.	1,874	.	9%
30.0101	Biological and Physical Sciences	.	190	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.	38	.	0%
43.0102	Corrections	.	58	.	0%
43.0103	Criminal Justice/Law Enforcement Administration	1	195	0%	1%
43.0104	Criminal Justice/Safety Studies	.	318	.	1%
43.0203	Fire Science/Fire-fighting	.	34	.	0%
43.0303	Critical Infrastructure Protection	.	53	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.	169	.	1%
43.0406	Forensic Science and Technology	.	26	.	0%
46.0000	Construction Trades, General	.	998	.	5%
46.0101	Mason/Masonry	.	78	.	0%
46.0201	Carpentry/Carpenter	.	163	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	.	226	.	1%
46.0302	Electrician	.	193	.	1%
46.0401	Building/Property Maintenance	.	972	.	5%
46.0403	Building/Home/Construction Inspection/Inspector	.	12	.	0%
46.0412	Building/Construction Site Management/Manager	.	99	.	0%
46.0503	Plumbing Technology/Plumber	.	255	.	1%

46.9999	Construction Trades, Other	.	998	.	5%
47.0000	Mechanics and Repairers, General	.	20	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	231	.	1%
47.0105	Industrial Electronics Technology/Technician	.	241	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	.	439	.	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	332	.	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	273	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	4	126	1%	1%
47.0605	Diesel Mechanics Technology/Technician	.	104	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	149	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	6	10	2%	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	18	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	75	.	0%
48.0000	Precision Production Trades, General	.	131	.	1%
48.0508	Welding Technology/Welder	78	205	20%	1%
48.0599	Precision Metal Working, Other	.	1	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	325	.	2%
49.0206	Mobil Crane Operator/Operation	.	39	.	0%
49.0207	Flagging and Traffic Control	.	15	.	0%
51.0601	Dental Assisting/Assistant	.	49	.	0%
51.0602	Dental Hygiene/Hygienist	.	12	.	0%
51.0707	Health Information/Medical Records Technology/Technician	3	120	1%	1%
51.0708	Medical Transcription/Transcriptionist	.	71	.	0%
51.0710	Medical Office Assistant/Specialist	13	586	3%	3%
51.0713	Medical Insurance Coding Specialist/Coder	3	184	1%	1%
51.0799	Health and Medical Administrative Services, Other	.	340	.	2%
51.0801	Medical/Clinical Assistant	69	75	18%	0%
51.0803	Occupational Therapist Assistant	.	6	.	0%
51.0805	Pharmacy Technician/Assistant	9	51	2%	0%
51.0806	Physical Therapy Assistant	.	21	.	0%
51.0902	Electrocardiograph Technology/Technician	14	6	4%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	7	83	2%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	12	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	17	.	0%
51.0909	Surgical Technology/Technologist	.	24	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	15	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	22	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	497	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	6	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	29	13	7%	0%
51.1012	Sterile Processing Technology/Technician	11	89	3%	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	6	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	89	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	14	89	4%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	8	.	0%
51.2006	Clinical and Industrial Drug Development	.	12	.	0%
51.2010	Pharmaceutical Sciences	.	25	.	0%
51.2603	Medication Aide	2	578	1%	3%
51.3501	Massage Therapy/Therapeutic Massage	.	17	.	0%
51.3801	Registered Nursing/Registered Nurse	14	203	4%	1%
51.3901	Licensed Practical/Vocational Nurse Training	.	54	.	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	13	563	3%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	800	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	103	.	0%
52.0211	Project Management	.	467	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	.	530	.	2%
52.0901	Hospitality Administration/Management, General	.	274	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	208	.	1%

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

college=Brightpoint

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	67	.	0%	
11.0101	Computer and Information Sciences, General	119	331	10%	1%	
11.0102	Artificial Intelligence	.	168	.	0%	
11.0103	Information Technology	.	311	.	1%	
11.0202	Computer Programming, Specific Applications	13	207	1%	1%	
11.0501	Computer Systems Analysis/Analyst	.	216	.	1%	
11.0701	Computer Science	5	322	0%	1%	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	6	81	1%	0%	
11.0901	Computer Systems Networking and Telecommunications	15	296	1%	1%	
11.0902	Cloud Computing	15	225	1%	1%	
11.1001	Network and System Administration/Administrator	.	133	.	0%	
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	15	287	1%	1%	
11.1005	Information Technology Project Management	.	318	.	1%	
11.9999	Computer and Information Sciences and Support Services, Other	4	331	0%	1%	
12.0500	Cooking and Related Culinary Arts, General	.	869	.	2%	
13.0101	Education, General	.	733	.	2%	
13.1205	Secondary Education and Teaching	.	153	.	0%	
13.1210	Early Childhood Education and Teaching	.	942	.	2%	
13.1501	Teacher Assistant/Aide	.	285	.	1%	
14.0101	Engineering, General	3	182	0%	0%	
15.0000	Engineering Technologies/Technicians, General	.	68	.	0%	
15.0101	Architectural Engineering Technologies/Technicians	.	155	.	0%	
15.0201	Civil Engineering Technologies/Technicians	.	101	.	0%	
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	11	59	1%	0%	
15.0405	Robotics Technology/Technician	.	51	.	0%	
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	1	.	0%	
15.0599	Environmental Control Technologies/Technicians, Other	.	677	.	2%	
15.0612	Industrial Technology/Technician	.	15	.	0%	
15.0613	Manufacturing Engineering Technology/Technician	.	1,237	.	3%	
15.0699	Industrial Production Technologies/Technicians, Other	1	5	0%	0%	
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	2	3	0%	0%	
15.0901	Mining Technology/Technician	.	12	.	0%	
15.1001	Construction Engineering Technology/Technician	.	323	.	1%	
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1	23	0%	0%	
15.1401	Nuclear Engineering Technology/Technician	.	12	.	0%	
15.1701	Energy Systems Technology/Technician	.	386	.	1%	
19.0707	Family and Community Services	.	120	.	0%	
19.0709	Child Care Provider/Assistant	15	623	1%	2%	
22.0302	Legal Assistant/Paralegal	.	118	.	0%	
24.0101	Liberal Arts and Sciences/Liberal Studies	.	3,360	.	8%	
30.0101	Biological and Physical Sciences	.	356	.	1%	
41.0101	Biology/Biotechnology Technology/Technician	.	67	.	0%	
43.0102	Corrections	.	91	.	0%	
43.0103	Criminal Justice/Law Enforcement Administration	11	576	1%	1%	
43.0104	Criminal Justice/Safety Studies	.	797	.	2%	
43.0203	Fire Science/Fire-fighting	.	79	.	0%	
43.0303	Critical Infrastructure Protection	.	139	.	0%	
43.0403	Cyber/Computer Forensics and Counterterrorism	.	489	.	1%	
43.0406	Forensic Science and Technology	.	85	.	0%	
46.0000	Construction Trades, General	70	1,816	6%	4%	
46.0101	Mason/Masonry	.	189	.	0%	
46.0201	Carpentry/Carpenter	.	331	.	1%	
46.0301	Electrical and Power Transmission Installation/Installer, General	.	449	.	1%	
46.0302	Electrician	22	391	2%	1%	
46.0401	Building/Property Maintenance	5	1,542	0%	4%	
46.0403	Building/Home/Construction Inspection/Inspector	3	39	0%	0%	
46.0412	Building/Construction Site Management/Manager	.	248	.	1%	
46.0503	Plumbing Technology/Plumber	1	423	0%	1%	

46.9999	Construction Trades, Other	.	1,816	.	4%
47.0000	Mechanics and Repairers, General	.	42	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	370	.	1%
47.0105	Industrial Electronics Technology/Technician	.	322	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	33	825	3%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	472	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	461	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	260	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	212	.	1%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	195	.	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	32	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	38	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	147	.	0%
48.0000	Precision Production Trades, General	112	31	10%	0%
48.0508	Welding Technology/Welder	5	273	0%	1%
48.0599	Precision Metal Working, Other	.	2	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	756	.	2%
49.0206	Mobil Crane Operator/Operation	.	87	.	0%
49.0207	Flagging and Traffic Control	.	13	.	0%
51.0601	Dental Assisting/Assistant	.	84	.	0%
51.0602	Dental Hygiene/Hygienist	.	16	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	232	.	1%
51.0708	Medical Transcription/Transcriptionist	.	146	.	0%
51.0710	Medical Office Assistant/Specialist	.	1,056	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	115	354	10%	1%
51.0799	Health and Medical Administrative Services, Other	.	725	.	2%
51.0801	Medical/Clinical Assistant	118	129	10%	0%
51.0803	Occupational Therapist Assistant	.	9	.	0%
51.0805	Pharmacy Technician/Assistant	9	85	1%	0%
51.0806	Physical Therapy Assistant	.	36	.	0%
51.0902	Electrocardiograph Technology/Technician	48	10	4%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	4	215	0%	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	15	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	17	.	0%
51.0909	Surgical Technology/Technologist	.	29	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	17	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	26	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	749	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	28	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	63	47	5%	0%
51.1012	Sterile Processing Technology/Technician	.	147	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	28	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	231	.	1%
51.1599	Mental and Social Health Services and Allied Professions, Other	13	231	1%	1%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	18	.	0%
51.2006	Clinical and Industrial Drug Development	.	17	.	0%
51.2010	Pharmaceutical Sciences	10	22	1%	0%
51.2603	Medication Aide	7	1,278	1%	3%
51.3501	Massage Therapy/Therapeutic Massage	4	43	0%	0%
51.3801	Registered Nursing/Registered Nurse	26	305	2%	1%
51.3901	Licensed Practical/Vocational Nurse Training	4	80	0%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	105	1,248	9%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	7	1,843	1%	4%
52.0203	Logistics, Materials, and Supply Chain Management	123	271	11%	1%
52.0211	Project Management	26	1,086	2%	3%
52.0499	Business Operations Support and Secretarial Services, Other	.	883	.	2%
52.0901	Hospitality Administration/Management, General	.	470	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	472	.	1%

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

college=Central Virginia

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	.	40	.	0%
11.0101	Computer and Information Sciences, General	23	202	3%	1%	
11.0102	Artificial Intelligence	.	98	.	0%	
11.0103	Information Technology	.	189	.	1%	
11.0202	Computer Programming, Specific Applications	.	122	.	1%	
11.0501	Computer Systems Analysis/Analyst	.	129	.	1%	
11.0701	Computer Science	.	200	.	1%	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	41	.	0%	
11.0901	Computer Systems Networking and Telecommunications	.	157	.	1%	
11.0902	Cloud Computing	.	513	.	2%	
11.1001	Network and System Administration/Administrator	.	78	.	0%	
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	153	.	1%	
11.1005	Information Technology Project Management	.	175	.	1%	
11.9999	Computer and Information Sciences and Support Services, Other	.	202	.	1%	
12.0500	Cooking and Related Culinary Arts, General	4	479	0%	2%	
13.0101	Education, General	.	374	.	2%	
13.1205	Secondary Education and Teaching	.	62	.	0%	
13.1210	Early Childhood Education and Teaching	.	467	.	2%	
13.1501	Teacher Assistant/Aide	.	173	.	1%	
14.0101	Engineering, General	1	94	0%	0%	
15.0000	Engineering Technologies/Technicians, General	2	40	0%	0%	
15.0101	Architectural Engineering Technologies/Technicians	.	56	.	0%	
15.0201	Civil Engineering Technologies/Technicians	.	39	.	0%	
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	5	54	1%	0%	
15.0405	Robotics Technology/Technician	.	54	.	0%	
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	0	.	0%	
15.0599	Environmental Control Technologies/Technicians, Other	.	256	.	1%	
15.0612	Industrial Technology/Technician	.	9	.	0%	
15.0613	Manufacturing Engineering Technology/Technician	5	646	1%	3%	
15.0699	Industrial Production Technologies/Technicians, Other	.	5	.	0%	
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	1	.	0%	
15.0901	Mining Technology/Technician	.	3	.	0%	
15.1001	Construction Engineering Technology/Technician	.	117	.	1%	
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	27	.	0%	
15.1401	Nuclear Engineering Technology/Technician	.	0	.	0%	
15.1701	Energy Systems Technology/Technician	.	150	.	1%	
19.0707	Family and Community Services	.	70	.	0%	
19.0709	Child Care Provider/Assistant	11	318	1%	1%	
22.0302	Legal Assistant/Paralegal	.	50	.	0%	
24.0101	Liberal Arts and Sciences/Liberal Studies	.	2,209	.	10%	
30.0101	Biological and Physical Sciences	.	206	.	1%	
41.0101	Biology/Biotechnology Technology/Technician	.	35	.	0%	
43.0102	Corrections	.	37	.	0%	
43.0103	Criminal Justice/Law Enforcement Administration	8	226	1%	1%	
43.0104	Criminal Justice/Safety Studies	.	320	.	1%	
43.0203	Fire Science/Fire-fighting	.	28	.	0%	
43.0303	Critical Infrastructure Protection	.	54	.	0%	
43.0403	Cyber/Computer Forensics and Counterterrorism	.	186	.	1%	
43.0406	Forensic Science and Technology	.	31	.	0%	
46.0000	Construction Trades, General	158	824	19%	4%	
46.0101	Mason/Masonry	.	80	.	0%	
46.0201	Carpentry/Carpenter	.	140	.	1%	
46.0301	Electrical and Power Transmission Installation/Installer, General	.	173	.	1%	
46.0302	Electrician	194	153	24%	1%	
46.0401	Building/Property Maintenance	.	848	.	4%	
46.0403	Building/Home/Construction Inspection/Inspector	.	15	.	0%	
46.0412	Building/Construction Site Management/Manager	.	89	.	0%	
46.0503	Plumbing Technology/Plumber	39	211	5%	1%	

46.9999	Construction Trades, Other	.	824	.	4%
47.0000	Mechanics and Repairers, General	.	16	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	179	.	1%
47.0105	Industrial Electronics Technology/Technician	.	194	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	143	390	17%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	310	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	234	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	111	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	95	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	118	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	8	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	20	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	57	.	0%
48.0000	Precision Production Trades, General	.	18	.	0%
48.0508	Welding Technology/Welder	15	209	2%	1%
48.0599	Precision Metal Working, Other	47	1	6%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	183	.	1%
49.0206	Mobil Crane Operator/Operation	.	22	.	0%
49.0207	Flagging and Traffic Control	.	18	.	0%
51.0601	Dental Assisting/Assistant	.	33	.	0%
51.0602	Dental Hygiene/Hygienist	.	7	.	0%
51.0707	Health Information/Medical Records Technology/Technician	5	161	1%	1%
51.0708	Medical Transcription/Transcriptionist	.	100	.	0%
51.0710	Medical Office Assistant/Specialist	.	642	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	222	.	1%
51.0799	Health and Medical Administrative Services, Other	.	364	.	2%
51.0801	Medical/Clinical Assistant	45	87	6%	0%
51.0803	Occupational Therapist Assistant	.	5	.	0%
51.0805	Pharmacy Technician/Assistant	.	29	.	0%
51.0806	Physical Therapy Assistant	.	20	.	0%
51.0902	Electrocardiograph Technology/Technician	.	8	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	31	102	4%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	7	.	0%
51.0908	Respiratory Care Therapy/Therapist	7	14	1%	0%
51.0909	Surgical Technology/Technologist	.	24	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	13	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	16	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2	509	0%	2%
51.1004	Clinical/Medical Laboratory Technician	4	14	0%	0%
51.1009	Phlebotomy Technician/Phlebotomist	23	23	3%	0%
51.1012	Sterile Processing Technology/Technician	.	103	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	14	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	120	.	1%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	120	.	1%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	10	.	0%
51.2006	Clinical and Industrial Drug Development	.	7	.	0%
51.2010	Pharmaceutical Sciences	.	21	.	0%
51.2603	Medication Aide	.	587	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	14	.	0%
51.3801	Registered Nursing/Registered Nurse	.	202	.	1%
51.3901	Licensed Practical/Vocational Nurse Training	.	49	.	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	34	577	4%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	898	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	98	.	0%
52.0211	Project Management	.	467	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	.	607	.	3%
52.0901	Hospitality Administration/Management, General	.	218	.	1%
52.1001	Human Resources Management/Personnel Administration, General	12	181	1%	1%

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

college=Danville

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.		14	.	0%
11.0101	Computer and Information Sciences, General	5	39	2%	0%	
11.0102	Artificial Intelligence	.	20	.	0%	
11.0103	Information Technology	.	37	.	0%	
11.0202	Computer Programming, Specific Applications	.	23	.	0%	
11.0501	Computer Systems Analysis/Analyst	.	25	.	0%	
11.0701	Computer Science	.	38	.	0%	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	10	.	0%	
11.0901	Computer Systems Networking and Telecommunications	.	33	.	0%	
11.0902	Cloud Computing	.	44	.	0%	
11.1001	Network and System Administration/Administrator	.	17	.	0%	
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	32	.	0%	
11.1005	Information Technology Project Management	.	40	.	0%	
11.9999	Computer and Information Sciences and Support Services, Other	.	39	.	0%	
12.0500	Cooking and Related Culinary Arts, General	.	217	.	2%	
13.0101	Education, General	.	185	.	2%	
13.1205	Secondary Education and Teaching	.	48	.	1%	
13.1210	Early Childhood Education and Teaching	.	219	.	2%	
13.1501	Teacher Assistant/Aide	.	69	.	1%	
14.0101	Engineering, General	.	26	.	0%	
15.0000	Engineering Technologies/Technicians, General	.	12	.	0%	
15.0101	Architectural Engineering Technologies/Technicians	.	26	.	0%	
15.0201	Civil Engineering Technologies/Technicians	.	17	.	0%	
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	11	16	5%	0%	
15.0405	Robotics Technology/Technician	.	19	.	0%	
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	0	.	0%	
15.0599	Environmental Control Technologies/Technicians, Other	.	99	.	1%	
15.0612	Industrial Technology/Technician	9	4	4%	0%	
15.0613	Manufacturing Engineering Technology/Technician	.	324	.	4%	
15.0699	Industrial Production Technologies/Technicians, Other	5	2	2%	0%	
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	1	.	0%	
15.0901	Mining Technology/Technician	.	2	.	0%	
15.1001	Construction Engineering Technology/Technician	.	54	.	1%	
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	6	.	0%	
15.1401	Nuclear Engineering Technology/Technician	.	1	.	0%	
15.1701	Energy Systems Technology/Technician	.	53	.	1%	
19.0707	Family and Community Services	.	30	.	0%	
19.0709	Child Care Provider/Assistant	40	146	17%	2%	
22.0302	Legal Assistant/Paralegal	.	19	.	0%	
24.0101	Liberal Arts and Sciences/Liberal Studies	.	662	.	7%	
30.0101	Biological and Physical Sciences	.	93	.	1%	
41.0101	Biology/Biotechnology Technology/Technician	.	15	.	0%	
43.0102	Corrections	.	59	.	1%	
43.0103	Criminal Justice/Law Enforcement Administration	9	88	4%	1%	
43.0104	Criminal Justice/Safety Studies	.	159	.	2%	
43.0203	Fire Science/Fire-fighting	.	10	.	0%	
43.0303	Critical Infrastructure Protection	.	21	.	0%	
43.0403	Cyber/Computer Forensics and Counterterrorism	.	53	.	1%	
43.0406	Forensic Science and Technology	.	8	.	0%	
46.0000	Construction Trades, General	1	416	0%	5%	
46.0101	Mason/Masonry	.	31	.	0%	
46.0201	Carpentry/Carpenter	.	85	.	1%	
46.0301	Electrical and Power Transmission Installation/Installer, General	.	100	.	1%	
46.0302	Electrician	6	84	3%	1%	
46.0401	Building/Property Maintenance	.	384	.	4%	
46.0403	Building/Home/Construction Inspection/Inspector	.	5	.	0%	
46.0412	Building/Construction Site Management/Manager	.	43	.	0%	
46.0503	Plumbing Technology/Plumber	.	99	.	1%	

46.9999	Construction Trades, Other	.	416	.	5%
47.0000	Mechanics and Repairers, General	.	7	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	16	97	7%	1%
47.0105	Industrial Electronics Technology/Technician	25	101	11%	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	10	161	4%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	144	.	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	133	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	7	65	3%	1%
47.0605	Diesel Mechanics Technology/Technician	.	48	.	1%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	62	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	3	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	7	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	32	.	0%
48.0000	Precision Production Trades, General	.	14	.	0%
48.0508	Welding Technology/Welder	11	85	5%	1%
48.0599	Precision Metal Working, Other	13	0	6%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	128	.	1%
49.0206	Mobil Crane Operator/Operation	.	17	.	0%
49.0207	Flagging and Traffic Control	.	13	.	0%
51.0601	Dental Assisting/Assistant	1	16	0%	0%
51.0602	Dental Hygiene/Hygienist	.	4	.	0%
51.0707	Health Information/Medical Records Technology/Technician	2	49	1%	1%
51.0708	Medical Transcription/Transcriptionist	.	39	.	0%
51.0710	Medical Office Assistant/Specialist	.	249	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	77	.	1%
51.0799	Health and Medical Administrative Services, Other	2	131	1%	1%
51.0801	Medical/Clinical Assistant	8	28	3%	0%
51.0803	Occupational Therapist Assistant	.	4	.	0%
51.0805	Pharmacy Technician/Assistant	.	23	.	0%
51.0806	Physical Therapy Assistant	.	12	.	0%
51.0902	Electrocardiograph Technology/Technician	.	2	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	24	33	10%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	5	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	8	.	0%
51.0909	Surgical Technology/Technologist	.	10	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	6	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	10	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	208	.	2%
51.1004	Clinical/Medical Laboratory Technician	5	6	2%	0%
51.1009	Phlebotomy Technician/Phlebotomist	.	18	.	0%
51.1012	Sterile Processing Technology/Technician	.	33	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	6	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	46	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	46	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	5	.	0%
51.2006	Clinical and Industrial Drug Development	.	4	.	0%
51.2010	Pharmaceutical Sciences	.	6	.	0%
51.2603	Medication Aide	3	450	1%	5%
51.3501	Massage Therapy/Therapeutic Massage	.	8	.	0%
51.3801	Registered Nursing/Registered Nurse	2	77	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	1	29	0%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9	445	4%	5%
51.9999	Health Professions and Related Clinical Sciences, Other	.	553	.	6%
52.0203	Logistics, Materials, and Supply Chain Management	.	39	.	0%
52.0211	Project Management	.	171	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	10	217	4%	2%
52.0901	Hospitality Administration/Management, General	.	121	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	68	.	1%

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

college=Eastern Shore

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	5	.	0%
11.0101	Computer and Information Sciences, General		20	48	5%	1%
11.0102	Artificial Intelligence		.	33	.	1%
11.0103	Information Technology		.	45	.	1%
11.0202	Computer Programming, Specific Applications		.	36	.	1%
11.0501	Computer Systems Analysis/Analyst		12	38	3%	1%
11.0701	Computer Science		.	49	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	7	.	0%
11.0901	Computer Systems Networking and Telecommunications		6	32	1%	1%
11.0902	Cloud Computing		58	31	14%	1%
11.1001	Network and System Administration/Administrator		.	16	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		49	25	12%	1%
11.1005	Information Technology Project Management		.	29	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	48	.	1%
12.0500	Cooking and Related Culinary Arts, General		.	113	.	3%
13.0101	Education, General		.	66	.	2%
13.1205	Secondary Education and Teaching		.	14	.	0%
13.1210	Early Childhood Education and Teaching		.	84	.	2%
13.1501	Teacher Assistant/Aide		.	29	.	1%
14.0101	Engineering, General		.	22	.	1%
15.0000	Engineering Technologies/Technicians, General		.	7	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	8	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	4	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		.	6	.	0%
15.0405	Robotics Technology/Technician		.	5	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	35	.	1%
15.0612	Industrial Technology/Technician		1	3	0%	0%
15.0613	Manufacturing Engineering Technology/Technician		.	121	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		1	0	0%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	0	.	0%
15.0901	Mining Technology/Technician		.	3	.	0%
15.1001	Construction Engineering Technology/Technician		.	13	.	0%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	1	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	0	.	0%
15.1701	Energy Systems Technology/Technician		.	20	.	1%
19.0707	Family and Community Services		.	9	.	0%
19.0709	Child Care Provider/Assistant		10	60	2%	2%
22.0302	Legal Assistant/Paralegal		.	5	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	210	.	6%
30.0101	Biological and Physical Sciences		.	30	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	7	.	0%
43.0102	Corrections		.	13	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		.	40	.	1%
43.0104	Criminal Justice/Safety Studies		.	61	.	2%
43.0203	Fire Science/Fire-fighting		.	5	.	0%
43.0303	Critical Infrastructure Protection		28	10	7%	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		116	28	27%	1%
43.0406	Forensic Science and Technology		.	3	.	0%
46.0000	Construction Trades, General		15	135	4%	4%
46.0101	Mason/Masonry		.	6	.	0%
46.0201	Carpentry/Carpenter		.	16	.	0%
46.0301	Electrical and Power Transmission Installation/Installer, General		.	29	.	1%
46.0302	Electrician		4	19	1%	1%
46.0401	Building/Property Maintenance		.	219	.	6%
46.0403	Building/Home/Construction Inspection/Inspector		.	2	.	0%
46.0412	Building/Construction Site Management/Manager		.	9	.	0%
46.0503	Plumbing Technology/Plumber		.	46	.	1%

46.9999	Construction Trades, Other	.	135	.	4%
47.0000	Mechanics and Repairers, General	.	2	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	50	.	1%
47.0105	Industrial Electronics Technology/Technician	5	50	1%	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	5	73	1%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	60	.	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	52	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	15	.	0%
47.0605	Diesel Mechanics Technology/Technician	.	10	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	39	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	3	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	4	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	11	.	0%
48.0000	Precision Production Trades, General	.	2	.	0%
48.0508	Welding Technology/Welder	17	40	4%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	30	.	1%
49.0206	Mobil Crane Operator/Operation	.	3	.	0%
49.0207	Flagging and Traffic Control	.	4	.	0%
51.0601	Dental Assisting/Assistant	.	2	.	0%
51.0602	Dental Hygiene/Hygienist	.	1	.	0%
51.0707	Health Information/Medical Records Technology/Technician	2	20	0%	1%
51.0708	Medical Transcription/Transcriptionist	1	11	0%	0%
51.0710	Medical Office Assistant/Specialist	.	80	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	.	26	.	1%
51.0799	Health and Medical Administrative Services, Other	4	46	1%	1%
51.0801	Medical/Clinical Assistant	2	12	0%	0%
51.0803	Occupational Therapist Assistant	.	1	.	0%
51.0805	Pharmacy Technician/Assistant	.	6	.	0%
51.0806	Physical Therapy Assistant	.	4	.	0%
51.0902	Electrocardiograph Technology/Technician	18	1	4%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	20	.	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	1	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	3	.	0%
51.0909	Surgical Technology/Technologist	.	3	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	2	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	2	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	65	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	2	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	23	2	5%	0%
51.1012	Sterile Processing Technology/Technician	.	13	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	2	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	9	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	9	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	1	.	0%
51.2006	Clinical and Industrial Drug Development	.	2	.	0%
51.2010	Pharmaceutical Sciences	.	2	.	0%
51.2603	Medication Aide	.	105	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	1	.	0%
51.3801	Registered Nursing/Registered Nurse	.	24	.	1%
51.3901	Licensed Practical/Vocational Nurse Training	8	5	2%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	18	103	4%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	135	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	21	.	1%
52.0211	Project Management	.	73	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	.	70	.	2%
52.0901	Hospitality Administration/Management, General	.	55	.	2%
52.1001	Human Resources Management/Personnel Administration, General	.	32	.	1%

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

college=Germann

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	69	.	0%
11.0101	Computer and Information Sciences, General		49	578	7%	2%
11.0102	Artificial Intelligence		.	361	.	1%
11.0103	Information Technology		.	542	.	1%
11.0202	Computer Programming, Specific Applications		.	415	.	1%
11.0501	Computer Systems Analysis/Analyst		.	440	.	1%
11.0701	Computer Science		.	583	.	2%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	117	.	0%
11.0901	Computer Systems Networking and Telecommunications		.	455	.	1%
11.0902	Cloud Computing		.	349	.	1%
11.1001	Network and System Administration/Administrator		.	216	.	1%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		24	385	4%	1%
11.1005	Information Technology Project Management		.	448	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	578	.	2%
12.0500	Cooking and Related Culinary Arts, General		.	731	.	2%
13.0101	Education, General		.	775	.	2%
13.1205	Secondary Education and Teaching		.	152	.	0%
13.1210	Early Childhood Education and Teaching		.	958	.	3%
13.1501	Teacher Assistant/Aide		.	324	.	1%
14.0101	Engineering, General		.	205	.	1%
15.0000	Engineering Technologies/Technicians, General		.	65	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	126	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	52	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		7	62	1%	0%
15.0405	Robotics Technology/Technician		.	55	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	1	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	679	.	2%
15.0612	Industrial Technology/Technician		.	32	.	0%
15.0613	Manufacturing Engineering Technology/Technician		.	1,011	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	2	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	1	.	0%
15.0901	Mining Technology/Technician		.	31	.	0%
15.1001	Construction Engineering Technology/Technician		.	197	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	13	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	1	.	0%
15.1701	Energy Systems Technology/Technician		.	414	.	1%
19.0707	Family and Community Services		.	108	.	0%
19.0709	Child Care Provider/Assistant		8	638	1%	2%
22.0302	Legal Assistant/Paralegal		.	141	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	2,864	.	8%
30.0101	Biological and Physical Sciences		.	299	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	76	.	0%
43.0102	Corrections		.	68	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		6	645	1%	2%
43.0104	Criminal Justice/Safety Studies		.	873	.	2%
43.0203	Fire Science/Fire-fighting		.	56	.	0%
43.0303	Critical Infrastructure Protection		.	175	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	649	.	2%
43.0406	Forensic Science and Technology		.	95	.	0%
46.0000	Construction Trades, General		149	1,346	23%	4%
46.0101	Mason/Masonry		.	111	.	0%
46.0201	Carpentry/Carpenter		4	257	1%	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		10	245	2%	1%
46.0302	Electrician		120	214	18%	1%
46.0401	Building/Property Maintenance		.	1,207	.	3%
46.0403	Building/Home/Construction Inspection/Inspector		.	25	.	0%
46.0412	Building/Construction Site Management/Manager		.	154	.	0%
46.0503	Plumbing Technology/Plumber		21	269	3%	1%

46.9999	Construction Trades, Other		1	1,346	0%	4%
47.0000	Mechanics and Repairers, General		.	23	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General		.	242	.	1%
47.0105	Industrial Electronics Technology/Technician		.	224	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	66		689	10%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	7		295	1%	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.		363	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	3		219	0%	1%
47.0605	Diesel Mechanics Technology/Technician	.		175	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.		153	.	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.		20	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.		34	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.		83	.	0%
48.0000	Precision Production Trades, General	.		15	.	0%
48.0508	Welding Technology/Welder	22		186	3%	1%
48.0599	Precision Metal Working, Other	3		1	0%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.		290	.	1%
49.0206	Mobil Crane Operator/Operation	.		44	.	0%
49.0207	Flagging and Traffic Control	.		17	.	0%
51.0601	Dental Assisting/Assistant	2		89	0%	0%
51.0602	Dental Hygiene/Hygienist	.		14	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.		227	.	1%
51.0708	Medical Transcription/Transcriptionist	.		131	.	0%
51.0710	Medical Office Assistant/Specialist	.		830	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	26		283	4%	1%
51.0799	Health and Medical Administrative Services, Other	.		666	.	2%
51.0801	Medical/Clinical Assistant	13		106	2%	0%
51.0803	Occupational Therapist Assistant	.		9	.	0%
51.0805	Pharmacy Technician/Assistant	.		49	.	0%
51.0806	Physical Therapy Assistant	7		42	1%	0%
51.0902	Electrocardiograph Technology/Technician	5		10	1%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.		162	.	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.		12	.	0%
51.0908	Respiratory Care Therapy/Therapist	.		17	.	0%
51.0909	Surgical Technology/Technologist	.		24	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.		17	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.		25	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	27		592	4%	2%
51.1004	Clinical/Medical Laboratory Technician	.		23	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	43		34	7%	0%
51.1012	Sterile Processing Technology/Technician	.		117	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.		23	.	0%
51.1501	Substance Abuse/Addiction Counseling	.		150	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.		150	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.		11	.	0%
51.2006	Clinical and Industrial Drug Development	.		12	.	0%
51.2010	Pharmaceutical Sciences	.		17	.	0%
51.2603	Medication Aide	.		925	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.		40	.	0%
51.3801	Registered Nursing/Registered Nurse	32		218	5%	1%
51.3901	Licensed Practical/Vocational Nurse Training	6		50	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.		905	.	2%
51.9999	Health Professions and Related Clinical Sciences, Other	.		1,309	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.		323	.	1%
52.0211	Project Management	.		1,243	.	3%
52.0499	Business Operations Support and Secretarial Services, Other	.		693	.	2%
52.0901	Hospitality Administration/Management, General	.		463	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.		454	.	1%

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

college=J. Sargeant Reynolds

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	.	189	.	0%
11.0101	Computer and Information Sciences, General	22	1,214	8%	1%	
11.0102	Artificial Intelligence	.	639	.	1%	
11.0103	Information Technology	.	1,133	.	1%	
11.0202	Computer Programming, Specific Applications	.	766	.	1%	
11.0501	Computer Systems Analysis/Analyst	.	816	.	1%	
11.0701	Computer Science	1	1,186	0%	1%	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	213	.	0%	
11.0901	Computer Systems Networking and Telecommunications	.	919	.	1%	
11.0902	Cloud Computing	.	1,054	.	1%	
11.1001	Network and System Administration/Administrator	.	445	.	0%	
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	883	.	1%	
11.1005	Information Technology Project Management	.	907	.	1%	
11.9999	Computer and Information Sciences and Support Services, Other	.	1,214	.	1%	
12.0500	Cooking and Related Culinary Arts, General	4	1,680	1%	2%	
13.0101	Education, General	3	1,184	1%	1%	
13.1205	Secondary Education and Teaching	.	226	.	0%	
13.1210	Early Childhood Education and Teaching	.	1,675	.	2%	
13.1501	Teacher Assistant/Aide	.	470	.	1%	
14.0101	Engineering, General	.	264	.	0%	
15.0000	Engineering Technologies/Technicians, General	.	110	.	0%	
15.0101	Architectural Engineering Technologies/Technicians	.	245	.	0%	
15.0201	Civil Engineering Technologies/Technicians	.	184	.	0%	
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	12	135	4%	0%	
15.0405	Robotics Technology/Technician	.	118	.	0%	
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	2	.	0%	
15.0599	Environmental Control Technologies/Technicians, Other	.	1,391	.	2%	
15.0612	Industrial Technology/Technician	.	23	.	0%	
15.0613	Manufacturing Engineering Technology/Technician	.	2,681	.	3%	
15.0699	Industrial Production Technologies/Technicians, Other	.	8	.	0%	
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	4	.	0%	
15.0901	Mining Technology/Technician	.	16	.	0%	
15.1001	Construction Engineering Technology/Technician	.	536	.	1%	
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	2	42	1%	0%	
15.1401	Nuclear Engineering Technology/Technician	.	15	.	0%	
15.1701	Energy Systems Technology/Technician	.	859	.	1%	
19.0707	Family and Community Services	.	273	.	0%	
19.0709	Child Care Provider/Assistant	60	1,166	22%	1%	
22.0302	Legal Assistant/Paralegal	.	438	.	0%	
24.0101	Liberal Arts and Sciences/Liberal Studies	.	8,226	.	9%	
30.0101	Biological and Physical Sciences	.	832	.	1%	
41.0101	Biology/Biotechnology Technology/Technician	.	195	.	0%	
43.0102	Corrections	.	252	.	0%	
43.0103	Criminal Justice/Law Enforcement Administration	6	1,209	2%	1%	
43.0104	Criminal Justice/Safety Studies	.	1,845	.	2%	
43.0203	Fire Science/Fire-fighting	2	123	1%	0%	
43.0303	Critical Infrastructure Protection	.	248	.	0%	
43.0403	Cyber/Computer Forensics and Counterterrorism	.	1,133	.	1%	
43.0406	Forensic Science and Technology	.	198	.	0%	
46.0000	Construction Trades, General	.	3,630	.	4%	
46.0101	Mason/Masonry	.	293	.	0%	
46.0201	Carpentry/Carpenter	.	565	.	1%	
46.0301	Electrical and Power Transmission Installation/Installer, General	.	860	.	1%	
46.0302	Electrician	.	738	.	1%	
46.0401	Building/Property Maintenance	.	3,319	.	4%	
46.0403	Building/Home/Construction Inspection/Inspector	.	67	.	0%	
46.0412	Building/Construction Site Management/Manager	.	401	.	0%	
46.0503	Plumbing Technology/Plumber	.	895	.	1%	

46.9999	Construction Trades, Other		.	3,630	.	4%
47.0000	Mechanics and Repairers, General		.	71	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General		.	807	.	1%
47.0105	Industrial Electronics Technology/Technician		.	679	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician		.	1,858	.	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician		.	919	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician		.	903	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	6		393	2%	0%
47.0605	Diesel Mechanics Technology/Technician	1		291	0%	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician		.	503	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician		.	23	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician		.	49	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician		.	276	.	0%
48.0000	Precision Production Trades, General		.	68	.	0%
48.0508	Welding Technology/Welder	1		614	0%	1%
48.0599	Precision Metal Working, Other		.	2	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation		.	1,015	.	1%
49.0206	Mobil Crane Operator/Operation		.	145	.	0%
49.0207	Flagging and Traffic Control		.	31	.	0%
51.0601	Dental Assisting/Assistant	9		159	3%	0%
51.0602	Dental Hygiene/Hygienist		.	31	.	0%
51.0707	Health Information/Medical Records Technology/Technician	9		727	3%	1%
51.0708	Medical Transcription/Transcriptionist		.	422	.	0%
51.0710	Medical Office Assistant/Specialist		.	2,708	.	3%
51.0713	Medical Insurance Coding Specialist/Coder		.	1,031	.	1%
51.0799	Health and Medical Administrative Services, Other		.	1,875	.	2%
51.0801	Medical/Clinical Assistant		.	333	.	0%
51.0803	Occupational Therapist Assistant		.	18	.	0%
51.0805	Pharmacy Technician/Assistant		.	152	.	0%
51.0806	Physical Therapy Assistant		.	71	.	0%
51.0902	Electrocardiograph Technology/Technician		.	43	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	7		414	3%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist		.	57	.	0%
51.0908	Respiratory Care Therapy/Therapist	8		66	3%	0%
51.0909	Surgical Technology/Technologist		.	113	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician		.	65	.	0%
51.0911	Radiologic Technology/Science - Radiographer		.	96	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	61		2,050	22%	2%
51.1004	Clinical/Medical Laboratory Technician	7		121	3%	0%
51.1009	Phlebotomy Technician/Phlebotomist		.	226	.	0%
51.1012	Sterile Processing Technology/Technician		.	408	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other		.	121	.	0%
51.1501	Substance Abuse/Addiction Counseling		.	425	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	41		425	15%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	3		37	1%	0%
51.2006	Clinical and Industrial Drug Development		.	40	.	0%
51.2010	Pharmaceutical Sciences		.	64	.	0%
51.2603	Medication Aide		.	1,973	.	2%
51.3501	Massage Therapy/Therapeutic Massage		.	80	.	0%
51.3801	Registered Nursing/Registered Nurse	13		924	5%	1%
51.3901	Licensed Practical/Vocational Nurse Training		.	160	.	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide		.	1,923	.	2%
51.9999	Health Professions and Related Clinical Sciences, Other		.	3,317	.	4%
52.0203	Logistics, Materials, and Supply Chain Management		.	471	.	1%
52.0211	Project Management		.	2,853	.	3%
52.0499	Business Operations Support and Secretarial Services, Other		.	2,245	.	2%
52.0901	Hospitality Administration/Management, General		.	1,061	.	1%
52.1001	Human Resources Management/Personnel Administration, General		.	1,129	.	1%

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

college=Laurel Ridge

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.		49	.	0%
11.0101	Computer and Information Sciences, General	116	313	16%	1%	
11.0102	Artificial Intelligence	.	172	.	1%	
11.0103	Information Technology	.	294	.	1%	
11.0202	Computer Programming, Specific Applications	.	203	.	1%	
11.0501	Computer Systems Analysis/Analyst	.	219	.	1%	
11.0701	Computer Science	2	312	0%	1%	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	50	.	0%	
11.0901	Computer Systems Networking and Telecommunications	22	238	3%	1%	
11.0902	Cloud Computing	17	235	2%	1%	
11.1001	Network and System Administration/Administrator	.	123	.	0%	
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	21	226	3%	1%	
11.1005	Information Technology Project Management	11	256	2%	1%	
11.9999	Computer and Information Sciences and Support Services, Other	4	313	1%	1%	
12.0500	Cooking and Related Culinary Arts, General	.	564	.	2%	
13.0101	Education, General	1	490	0%	2%	
13.1205	Secondary Education and Teaching	.	101	.	0%	
13.1210	Early Childhood Education and Teaching	.	577	.	2%	
13.1501	Teacher Assistant/Aide	.	198	.	1%	
14.0101	Engineering, General	5	89	1%	0%	
15.0000	Engineering Technologies/Technicians, General	.	32	.	0%	
15.0101	Architectural Engineering Technologies/Technicians	.	84	.	0%	
15.0201	Civil Engineering Technologies/Technicians	.	42	.	0%	
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	8	33	1%	0%	
15.0405	Robotics Technology/Technician	.	42	.	0%	
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	2	0	0%	0%	
15.0599	Environmental Control Technologies/Technicians, Other	.	405	.	2%	
15.0612	Industrial Technology/Technician	.	15	.	0%	
15.0613	Manufacturing Engineering Technology/Technician	.	793	.	3%	
15.0699	Industrial Production Technologies/Technicians, Other	.	5	.	0%	
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	0	.	0%	
15.0901	Mining Technology/Technician	.	10	.	0%	
15.1001	Construction Engineering Technology/Technician	.	153	.	1%	
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	1	13	0%	0%	
15.1401	Nuclear Engineering Technology/Technician	.	0	.	0%	
15.1701	Energy Systems Technology/Technician	.	254	.	1%	
19.0707	Family and Community Services	.	71	.	0%	
19.0709	Child Care Provider/Assistant	5	384	1%	1%	
22.0302	Legal Assistant/Paralegal	.	80	.	0%	
24.0101	Liberal Arts and Sciences/Liberal Studies	.	2,275	.	9%	
30.0101	Biological and Physical Sciences	.	243	.	1%	
41.0101	Biology/Biotechnology Technology/Technician	.	48	.	0%	
43.0102	Corrections	.	40	.	0%	
43.0103	Criminal Justice/Law Enforcement Administration	.	369	.	1%	
43.0104	Criminal Justice/Safety Studies	.	495	.	2%	
43.0203	Fire Science/Fire-fighting	.	35	.	0%	
43.0303	Critical Infrastructure Protection	.	88	.	0%	
43.0403	Cyber/Computer Forensics and Counterterrorism	.	333	.	1%	
43.0406	Forensic Science and Technology	.	37	.	0%	
46.0000	Construction Trades, General	.	1,092	.	4%	
46.0101	Mason/Masonry	.	89	.	0%	
46.0201	Carpentry/Carpenter	.	193	.	1%	
46.0301	Electrical and Power Transmission Installation/Installer, General	11	211	2%	1%	
46.0302	Electrician	110	175	16%	1%	
46.0401	Building/Property Maintenance	.	998	.	4%	
46.0403	Building/Home/Construction Inspection/Inspector	.	20	.	0%	
46.0412	Building/Construction Site Management/Manager	7	121	1%	0%	
46.0503	Plumbing Technology/Plumber	24	262	3%	1%	

46.9999	Construction Trades, Other	.	1,092	.	4%
47.0000	Mechanics and Repairers, General	.	16	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	228	.	1%
47.0105	Industrial Electronics Technology/Technician	.	221	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	117	548	17%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	34	300	5%	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	313	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	162	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	136	.	1%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	145	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	11	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	25	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	71	.	0%
48.0000	Precision Production Trades, General	.	33	.	0%
48.0508	Welding Technology/Welder	43	196	6%	1%
48.0599	Precision Metal Working, Other	.	1	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	469	.	2%
49.0206	Mobil Crane Operator/Operation	.	43	.	0%
49.0207	Flagging and Traffic Control	.	17	.	0%
51.0601	Dental Assisting/Assistant	.	60	.	0%
51.0602	Dental Hygiene/Hygienist	.	13	.	0%
51.0707	Health Information/Medical Records Technology/Technician	7	164	1%	1%
51.0708	Medical Transcription/Transcriptionist	.	86	.	0%
51.0710	Medical Office Assistant/Specialist	9	621	1%	2%
51.0713	Medical Insurance Coding Specialist/Coder	.	200	.	1%
51.0799	Health and Medical Administrative Services, Other	5	461	1%	2%
51.0801	Medical/Clinical Assistant	43	84	6%	0%
51.0803	Occupational Therapist Assistant	.	8	.	0%
51.0805	Pharmacy Technician/Assistant	6	43	1%	0%
51.0806	Physical Therapy Assistant	.	35	.	0%
51.0902	Electrocardiograph Technology/Technician	.	5	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	101	0%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	9	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	11	.	0%
51.0909	Surgical Technology/Technologist	1	14	0%	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	10	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	16	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	509	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	17	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	46	30	6%	0%
51.1012	Sterile Processing Technology/Technician	.	92	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	17	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	92	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	92	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	12	.	0%
51.2006	Clinical and Industrial Drug Development	.	9	.	0%
51.2010	Pharmaceutical Sciences	.	14	.	0%
51.2603	Medication Aide	1	687	0%	3%
51.3501	Massage Therapy/Therapeutic Massage	.	22	.	0%
51.3801	Registered Nursing/Registered Nurse	12	190	2%	1%
51.3901	Licensed Practical/Vocational Nurse Training	4	48	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.	678	.	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	949	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	175	.	1%
52.0211	Project Management	.	735	.	3%
52.0499	Business Operations Support and Secretarial Services, Other	.	526	.	2%
52.0901	Hospitality Administration/Management, General	.	310	.	1%
52.1001	Human Resources Management/Personnel Administration, General	12	284	2%	1%

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

college=Mountain Empire

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	6	.	0%
11.0101	Computer and Information Sciences, General		14	38	4%	1%
11.0102	Artificial Intelligence		.	19	.	0%
11.0103	Information Technology		.	36	.	1%
11.0202	Computer Programming, Specific Applications		.	22	.	0%
11.0501	Computer Systems Analysis/Analyst		.	25	.	1%
11.0701	Computer Science		.	37	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	7	.	0%
11.0901	Computer Systems Networking and Telecommunications		.	30	.	1%
11.0902	Cloud Computing		.	34	.	1%
11.1001	Network and System Administration/Administrator		.	17	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		.	29	.	1%
11.1005	Information Technology Project Management		.	34	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	38	.	1%
12.0500	Cooking and Related Culinary Arts, General		.	121	.	3%
13.0101	Education, General		.	141	.	3%
13.1205	Secondary Education and Teaching		.	31	.	1%
13.1210	Early Childhood Education and Teaching		.	137	.	3%
13.1501	Teacher Assistant/Aide		.	53	.	1%
14.0101	Engineering, General		.	17	.	0%
15.0000	Engineering Technologies/Technicians, General		.	5	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	10	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	7	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		7	4	2%	0%
15.0405	Robotics Technology/Technician		.	5	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		37	56	10%	1%
15.0612	Industrial Technology/Technician		2	1	1%	0%
15.0613	Manufacturing Engineering Technology/Technician		1	145	0%	3%
15.0699	Industrial Production Technologies/Technicians, Other		2	1	1%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	0	.	0%
15.0901	Mining Technology/Technician		1	19	0%	0%
15.1001	Construction Engineering Technology/Technician		.	28	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		7	3	2%	0%
15.1401	Nuclear Engineering Technology/Technician		.	0	.	0%
15.1701	Energy Systems Technology/Technician		.	32	.	1%
19.0707	Family and Community Services		.	28	.	1%
19.0709	Child Care Provider/Assistant		.	88	.	2%
22.0302	Legal Assistant/Paralegal		.	17	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	387	.	8%
30.0101	Biological and Physical Sciences		.	50	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	7	.	0%
43.0102	Corrections		4	71	1%	1%
43.0103	Criminal Justice/Law Enforcement Administration		2	61	1%	1%
43.0104	Criminal Justice/Safety Studies		.	147	.	3%
43.0203	Fire Science/Fire-fighting		.	7	.	0%
43.0303	Critical Infrastructure Protection		.	14	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	40	.	1%
43.0406	Forensic Science and Technology		.	9	.	0%
46.0000	Construction Trades, General		39	187	10%	4%
46.0101	Mason/Masonry		13	15	3%	0%
46.0201	Carpentry/Carpenter		14	38	4%	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		42	49	11%	1%
46.0302	Electrician		28	37	7%	1%
46.0401	Building/Property Maintenance		.	170	.	3%
46.0403	Building/Home/Construction Inspection/Inspector		.	5	.	0%
46.0412	Building/Construction Site Management/Manager		.	20	.	0%
46.0503	Plumbing Technology/Plumber		1	43	0%	1%

46.9999	Construction Trades, Other	.	187	.	4%
47.0000	Mechanics and Repairers, General	.	3	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	44	.	1%
47.0105	Industrial Electronics Technology/Technician	.	42	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	25	73	6%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	56	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	48	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	23	.	0%
47.0605	Diesel Mechanics Technology/Technician	.	20	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	25	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	3	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	3	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	11	13	3%	0%
48.0000	Precision Production Trades, General	.	6	.	0%
48.0508	Welding Technology/Welder	57	32	15%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	77	.	2%
49.0206	Mobil Crane Operator/Operation	.	13	.	0%
49.0207	Flagging and Traffic Control	.	11	.	0%
51.0601	Dental Assisting/Assistant	4	9	1%	0%
51.0602	Dental Hygiene/Hygienist	.	2	.	0%
51.0707	Health Information/Medical Records Technology/Technician	3	26	1%	1%
51.0708	Medical Transcription/Transcriptionist	.	16	.	0%
51.0710	Medical Office Assistant/Specialist	.	119	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	.	34	.	1%
51.0799	Health and Medical Administrative Services, Other	4	68	1%	1%
51.0801	Medical/Clinical Assistant	.	15	.	0%
51.0803	Occupational Therapist Assistant	.	3	.	0%
51.0805	Pharmacy Technician/Assistant	.	13	.	0%
51.0806	Physical Therapy Assistant	.	8	.	0%
51.0902	Electrocardiograph Technology/Technician	.	1	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3	26	1%	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	2	.	0%
51.0908	Respiratory Care Therapy/Therapist	9	3	2%	0%
51.0909	Surgical Technology/Technologist	.	2	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	2	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	3	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	27	111	7%	2%
51.1004	Clinical/Medical Laboratory Technician	7	2	2%	0%
51.1009	Phlebotomy Technician/Phlebotomist	.	4	.	0%
51.1012	Sterile Processing Technology/Technician	.	16	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	2	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	36	.	1%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	36	.	1%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	2	.	0%
51.2006	Clinical and Industrial Drug Development	.	3	.	0%
51.2010	Pharmaceutical Sciences	.	4	.	0%
51.2603	Medication Aide	.	173	.	4%
51.3501	Massage Therapy/Therapeutic Massage	.	2	.	0%
51.3801	Registered Nursing/Registered Nurse	5	34	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	18	19	5%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.	170	.	4%
51.9999	Health Professions and Related Clinical Sciences, Other	.	219	.	5%
52.0203	Logistics, Materials, and Supply Chain Management	.	25	.	1%
52.0211	Project Management	.	105	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	1	108	0%	2%
52.0901	Hospitality Administration/Management, General	.	40	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	40	.	1%

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

college=Mountain Gateway

		# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description				
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	18	.	0%
11.0101	Computer and Information Sciences, General	5	51	2%	1%
11.0102	Artificial Intelligence	.	26	.	0%
11.0103	Information Technology	4	48	2%	1%
11.0202	Computer Programming, Specific Applications	.	29	.	0%
11.0501	Computer Systems Analysis/Analyst	.	31	.	0%
11.0701	Computer Science	.	49	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	11	.	0%
11.0901	Computer Systems Networking and Telecommunications	5	40	2%	1%
11.0902	Cloud Computing	.	124	.	2%
11.1001	Network and System Administration/Administrator	.	21	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	39	.	0%
11.1005	Information Technology Project Management	.	51	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	.	51	.	1%
12.0500	Cooking and Related Culinary Arts, General	.	181	.	2%
13.0101	Education, General	2	219	1%	3%
13.1205	Secondary Education and Teaching	.	56	.	1%
13.1210	Early Childhood Education and Teaching	.	233	.	3%
13.1501	Teacher Assistant/Aide	.	87	.	1%
14.0101	Engineering, General	.	32	.	0%
15.0000	Engineering Technologies/Technicians, General	.	13	.	0%
15.0101	Architectural Engineering Technologies/Technicians	.	20	.	0%
15.0201	Civil Engineering Technologies/Technicians	.	12	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	10	14	5%	0%
15.0405	Robotics Technology/Technician	.	20	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other	.	93	.	1%
15.0612	Industrial Technology/Technician	.	6	.	0%
15.0613	Manufacturing Engineering Technology/Technician	.	289	.	4%
15.0699	Industrial Production Technologies/Technicians, Other	.	4	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	1	.	0%
15.0901	Mining Technology/Technician	.	2	.	0%
15.1001	Construction Engineering Technology/Technician	.	36	.	0%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	5	.	0%
15.1401	Nuclear Engineering Technology/Technician	.	0	.	0%
15.1701	Energy Systems Technology/Technician	.	56	.	1%
19.0707	Family and Community Services	.	23	.	0%
19.0709	Child Care Provider/Assistant	.	139	.	2%
22.0302	Legal Assistant/Paralegal	.	15	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.	632	.	8%
30.0101	Biological and Physical Sciences	.	89	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.	15	.	0%
43.0102	Corrections	.	18	.	0%
43.0103	Criminal Justice/Law Enforcement Administration	.	88	.	1%
43.0104	Criminal Justice/Safety Studies	.	122	.	2%
43.0203	Fire Science/Fire-fighting	.	11	.	0%
43.0303	Critical Infrastructure Protection	.	22	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.	61	.	1%
43.0406	Forensic Science and Technology	.	9	.	0%
46.0000	Construction Trades, General	47	343	21%	4%
46.0101	Mason/Masonry	.	20	.	0%
46.0201	Carpentry/Carpenter	5	59	2%	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	.	72	.	1%
46.0302	Electrician	18	62	8%	1%
46.0401	Building/Property Maintenance	.	335	.	4%
46.0403	Building/Home/Construction Inspection/Inspector	.	4	.	0%
46.0412	Building/Construction Site Management/Manager	.	28	.	0%
46.0503	Plumbing Technology/Plumber	4	75	2%	1%

46.9999	Construction Trades, Other	.	343	.	4%
47.0000	Mechanics and Repairers, General	.	8	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	85	.	1%
47.0105	Industrial Electronics Technology/Technician	.	97	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	48	133	22%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	133	.	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	105	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	42	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	33	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	52	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	2	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	8	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	28	.	0%
48.0000	Precision Production Trades, General	.	19	.	0%
48.0508	Welding Technology/Welder	9	97	4%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	93	.	1%
49.0206	Mobil Crane Operator/Operation	.	12	.	0%
49.0207	Flagging and Traffic Control	.	11	.	0%
51.0601	Dental Assisting/Assistant	.	15	.	0%
51.0602	Dental Hygiene/Hygienist	.	5	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	39	.	1%
51.0708	Medical Transcription/Transcriptionist	.	25	.	0%
51.0710	Medical Office Assistant/Specialist	.	200	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	58	.	1%
51.0799	Health and Medical Administrative Services, Other	.	127	.	2%
51.0801	Medical/Clinical Assistant	8	23	4%	0%
51.0803	Occupational Therapist Assistant	.	3	.	0%
51.0805	Pharmacy Technician/Assistant	.	10	.	0%
51.0806	Physical Therapy Assistant	.	12	.	0%
51.0902	Electrocardiograph Technology/Technician	.	1	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	8	35	4%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	3	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	4	.	0%
51.0909	Surgical Technology/Technologist	.	6	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	4	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	6	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	7	186	3%	2%
51.1004	Clinical/Medical Laboratory Technician	.	4	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	18	8	8%	0%
51.1012	Sterile Processing Technology/Technician	.	26	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	4	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	30	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	30	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	1	.	0%
51.2006	Clinical and Industrial Drug Development	.	2	.	0%
51.2010	Pharmaceutical Sciences	.	5	.	0%
51.2603	Medication Aide	.	231	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	5	.	0%
51.3801	Registered Nursing/Registered Nurse	6	52	3%	1%
51.3901	Licensed Practical/Vocational Nurse Training	6	24	3%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9	228	4%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	303	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	42	.	1%
52.0211	Project Management	.	168	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	.	197	.	3%
52.0901	Hospitality Administration/Management, General	.	110	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	76	.	1%

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

college=New River

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.		53	.	0%
11.0101	Computer and Information Sciences, General	5		165	2%	1%
11.0102	Artificial Intelligence	.		87	.	1%
11.0103	Information Technology	.		154	.	1%
11.0202	Computer Programming, Specific Applications	.		101	.	1%
11.0501	Computer Systems Analysis/Analyst	.		107	.	1%
11.0701	Computer Science	.		166	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.		29	.	0%
11.0901	Computer Systems Networking and Telecommunications	.		117	.	1%
11.0902	Cloud Computing	.		457	.	3%
11.1001	Network and System Administration/Administrator	.		62	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.		109	.	1%
11.1005	Information Technology Project Management	.		123	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	.		165	.	1%
12.0500	Cooking and Related Culinary Arts, General	.		314	.	2%
13.0101	Education, General	1		220	0%	1%
13.1205	Secondary Education and Teaching	.		39	.	0%
13.1210	Early Childhood Education and Teaching	.		274	.	2%
13.1501	Teacher Assistant/Aide	.		123	.	1%
14.0101	Engineering, General	1		79	0%	1%
15.0000	Engineering Technologies/Technicians, General	1		37	0%	0%
15.0101	Architectural Engineering Technologies/Technicians	.		45	.	0%
15.0201	Civil Engineering Technologies/Technicians	.		21	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1		81	0%	1%
15.0405	Robotics Technology/Technician	.		88	.	1%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.		0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other	2		202	1%	1%
15.0612	Industrial Technology/Technician	.		15	.	0%
15.0613	Manufacturing Engineering Technology/Technician	9		487	3%	3%
15.0699	Industrial Production Technologies/Technicians, Other	.		6	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.		4	.	0%
15.0901	Mining Technology/Technician	.		8	.	0%
15.1001	Construction Engineering Technology/Technician	.		100	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	5		10	2%	0%
15.1401	Nuclear Engineering Technology/Technician	.		0	.	0%
15.1701	Energy Systems Technology/Technician	.		117	.	1%
19.0707	Family and Community Services	.		45	.	0%
19.0709	Child Care Provider/Assistant	6		184	2%	1%
22.0302	Legal Assistant/Paralegal	.		23	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.		1,410	.	9%
30.0101	Biological and Physical Sciences	.		139	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.		69	.	0%
43.0102	Corrections	.		28	.	0%
43.0103	Criminal Justice/Law Enforcement Administration	1		172	0%	1%
43.0104	Criminal Justice/Safety Studies	.		225	.	1%
43.0203	Fire Science/Fire-fighting	.		13	.	0%
43.0303	Critical Infrastructure Protection	.		39	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.		128	.	1%
43.0406	Forensic Science and Technology	.		20	.	0%
46.0000	Construction Trades, General	6		655	2%	4%
46.0101	Mason/Masonry	.		63	.	0%
46.0201	Carpentry/Carpenter	.		119	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	.		164	.	1%
46.0302	Electrician	13		133	5%	1%
46.0401	Building/Property Maintenance	1		696	0%	5%
46.0403	Building/Home/Construction Inspection/Inspector	.		11	.	0%
46.0412	Building/Construction Site Management/Manager	.		82	.	1%
46.0503	Plumbing Technology/Plumber	.		187	.	1%

46.9999	Construction Trades, Other	.	655	.	4%
47.0000	Mechanics and Repairers, General	.	8	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	165	.	1%
47.0105	Industrial Electronics Technology/Technician	11	175	4%	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	1	294	0%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	244	.	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	226	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	8	92	3%	1%
47.0605	Diesel Mechanics Technology/Technician	.	91	.	1%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	110	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	5	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	13	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	3	45	1%	0%
48.0000	Precision Production Trades, General	.	17	.	0%
48.0508	Welding Technology/Welder	52	144	19%	1%
48.0599	Precision Metal Working, Other	5	1	2%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	178	.	1%
49.0206	Mobil Crane Operator/Operation	.	45	.	0%
49.0207	Flagging and Traffic Control	.	16	.	0%
51.0601	Dental Assisting/Assistant	.	17	.	0%
51.0602	Dental Hygiene/Hygienist	.	6	.	0%
51.0707	Health Information/Medical Records Technology/Technician	8	91	3%	1%
51.0708	Medical Transcription/Transcriptionist	.	48	.	0%
51.0710	Medical Office Assistant/Specialist	.	393	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	100	.	1%
51.0799	Health and Medical Administrative Services, Other	5	247	2%	2%
51.0801	Medical/Clinical Assistant	36	37	13%	0%
51.0803	Occupational Therapist Assistant	.	2	.	0%
51.0805	Pharmacy Technician/Assistant	3	33	1%	0%
51.0806	Physical Therapy Assistant	.	13	.	0%
51.0902	Electrocardiograph Technology/Technician	10	5	4%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	68	0%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	7	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	4	.	0%
51.0909	Surgical Technology/Technologist	.	8	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	4	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	8	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	10	279	4%	2%
51.1004	Clinical/Medical Laboratory Technician	.	9	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	17	19	6%	0%
51.1012	Sterile Processing Technology/Technician	.	45	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	9	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	90	.	1%
51.1599	Mental and Social Health Services and Allied Professions, Other	10	90	4%	1%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	4	.	0%
51.2006	Clinical and Industrial Drug Development	.	7	.	0%
51.2010	Pharmaceutical Sciences	.	15	.	0%
51.2603	Medication Aide	.	307	.	2%
51.3501	Massage Therapy/Therapeutic Massage	.	8	.	0%
51.3801	Registered Nursing/Registered Nurse	18	113	6%	1%
51.3901	Licensed Practical/Vocational Nurse Training	4	42	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9	299	3%	2%
51.9999	Health Professions and Related Clinical Sciences, Other	.	451	.	3%
52.0203	Logistics, Materials, and Supply Chain Management	.	68	.	0%
52.0211	Project Management	.	309	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	7	416	3%	3%
52.0901	Hospitality Administration/Management, General	.	159	.	1%
52.1001	Human Resources Management/Personnel Administration, General	9	142	3%	1%

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		5	418	0%	0%
11.0101	Computer and Information Sciences, General		242	8,611	16%	3%
11.0102	Artificial Intelligence		3	4,768	0%	1%
11.0103	Information Technology		107	7,983	7%	2%
11.0202	Computer Programming, Specific Applications		24	5,805	2%	2%
11.0501	Computer Systems Analysis/Analyst		.	6,258	.	2%
11.0701	Computer Science		62	8,576	4%	3%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		3	1,233	0%	0%
11.0901	Computer Systems Networking and Telecommunications		65	6,100	4%	2%
11.0902	Cloud Computing		62	4,614	4%	1%
11.1001	Network and System Administration/Administrator		8	3,200	1%	1%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		286	5,612	18%	2%
11.1005	Information Technology Project Management		.	5,817	.	2%
11.9999	Computer and Information Sciences and Support Services, Other		31	8,611	2%	3%
12.0500	Cooking and Related Culinary Arts, General		.	5,318	.	2%
13.0101	Education, General		16	4,590	1%	1%
13.1205	Secondary Education and Teaching		.	818	.	0%
13.1210	Early Childhood Education and Teaching		.	6,514	.	2%
13.1501	Teacher Assistant/Aide		.	1,991	.	1%
14.0101	Engineering, General		32	1,139	2%	0%
15.0000	Engineering Technologies/Technicians, General		2	391	0%	0%
15.0101	Architectural Engineering Technologies/Technicians		.	852	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	472	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		52	388	3%	0%
15.0405	Robotics Technology/Technician		.	312	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	10	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	6,488	.	2%
15.0612	Industrial Technology/Technician		.	127	.	0%
15.0613	Manufacturing Engineering Technology/Technician		.	8,394	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	12	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	9	.	0%
15.0901	Mining Technology/Technician		.	121	.	0%
15.1001	Construction Engineering Technology/Technician		.	1,500	.	0%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		1	106	0%	0%
15.1401	Nuclear Engineering Technology/Technician		.	12	.	0%
15.1701	Energy Systems Technology/Technician		.	4,121	.	1%
19.0707	Family and Community Services		.	567	.	0%
19.0709	Child Care Provider/Assistant		24	4,470	2%	1%
22.0302	Legal Assistant/Paralegal		.	1,405	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	22,947	.	7%
30.0101	Biological and Physical Sciences		.	2,245	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	566	.	0%
43.0102	Corrections		.	296	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		3	6,103	0%	2%
43.0104	Criminal Justice/Safety Studies		23	8,160	1%	2%
43.0203	Fire Science/Fire-fighting		.	386	.	0%
43.0303	Critical Infrastructure Protection		.	1,595	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	6,887	.	2%
43.0406	Forensic Science and Technology		.	803	.	0%
46.0000	Construction Trades, General		11	10,815	1%	3%
46.0101	Mason/Masonry		.	767	.	0%
46.0201	Carpentry/Carpenter		.	1,467	.	0%
46.0301	Electrical and Power Transmission Installation/Installer, General		19	2,621	1%	1%
46.0302	Electrician		.	2,240	.	1%
46.0401	Building/Property Maintenance		.	9,439	.	3%
46.0403	Building/Home/Construction Inspection/Inspector		.	226	.	0%
46.0412	Building/Construction Site Management/Manager		.	1,086	.	0%
46.0503	Plumbing Technology/Plumber		.	2,000	.	1%

46.9999	Construction Trades, Other	.	10,815	.	3%
47.0000	Mechanics and Repairers, General	.	175	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	1,829	.	1%
47.0105	Industrial Electronics Technology/Technician	.	1,502	.	0%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	38	6,310	2%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	1,897	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	2,092	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	20	1,039	1%	0%
47.0605	Diesel Mechanics Technology/Technician	1	786	0%	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	1,072	.	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	237	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	144	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	622	.	0%
48.0000	Precision Production Trades, General	.	67	.	0%
48.0508	Welding Technology/Welder	.	1,304	.	0%
48.0599	Precision Metal Working, Other	.	5	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	1,634	.	0%
49.0206	Mobil Crane Operator/Operation	.	269	.	0%
49.0207	Flagging and Traffic Control	.	46	.	0%
51.0601	Dental Assisting/Assistant	1	677	0%	0%
51.0602	Dental Hygiene/Hygienist	8	91	1%	0%
51.0707	Health Information/Medical Records Technology/Technician	1	2,727	0%	1%
51.0708	Medical Transcription/Transcriptionist	.	1,132	.	0%
51.0710	Medical Office Assistant/Specialist	.	6,708	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	44	2,423	3%	1%
51.0799	Health and Medical Administrative Services, Other	.	6,138	.	2%
51.0801	Medical/Clinical Assistant	167	889	11%	0%
51.0803	Occupational Therapist Assistant	.	50	.	0%
51.0805	Pharmacy Technician/Assistant	1	296	0%	0%
51.0806	Physical Therapy Assistant	14	251	1%	0%
51.0902	Electrocardiograph Technology/Technician	.	111	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	1,213	.	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	125	.	0%
51.0908	Respiratory Care Therapy/Therapist	4	171	0%	0%
51.0909	Surgical Technology/Technologist	.	238	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	11	180	1%	0%
51.0911	Radiologic Technology/Science - Radiographer	6	257	0%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	4,853	.	1%
51.1004	Clinical/Medical Laboratory Technician	6	245	0%	0%
51.1009	Phlebotomy Technician/Phlebotomist	30	380	2%	0%
51.1012	Sterile Processing Technology/Technician	.	997	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	245	.	0%
51.1501	Substance Abuse/Addiction Counseling	1	781	0%	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	781	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	80	.	0%
51.2006	Clinical and Industrial Drug Development	.	88	.	0%
51.2010	Pharmaceutical Sciences	.	193	.	0%
51.2603	Medication Aide	13	6,419	1%	2%
51.3501	Massage Therapy/Therapeutic Massage	.	261	.	0%
51.3801	Registered Nursing/Registered Nurse	16	1,961	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	.	366	.	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	61	6,329	4%	2%
51.9999	Health Professions and Related Clinical Sciences, Other	.	9,969	.	3%
52.0203	Logistics, Materials, and Supply Chain Management	.	2,914	.	1%
52.0211	Project Management	.	13,104	.	4%
52.0499	Business Operations Support and Secretarial Services, Other	.	5,258	.	2%
52.0901	Hospitality Administration/Management, General	.	3,876	.	1%
52.1001	Human Resources Management/Personnel Administration, General	35	4,336	2%	1%

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

college=Patrick & Henry

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	.	18	.	0%
11.0101	Computer and Information Sciences, General	.	.	43	.	0%
11.0102	Artificial Intelligence	.	.	20	.	0%
11.0103	Information Technology	.	.	40	.	0%
11.0202	Computer Programming, Specific Applications	.	.	25	.	0%
11.0501	Computer Systems Analysis/Analyst	.	.	26	.	0%
11.0701	Computer Science	.	.	40	.	0%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	.	10	.	0%
11.0901	Computer Systems Networking and Telecommunications	.	.	35	.	0%
11.0902	Cloud Computing	.	.	37	.	0%
11.1001	Network and System Administration/Administrator	.	.	17	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	.	34	.	0%
11.1005	Information Technology Project Management	.	.	45	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	.	.	43	.	0%
12.0500	Cooking and Related Culinary Arts, General	.	.	188	.	2%
13.0101	Education, General	.	.	167	.	2%
13.1205	Secondary Education and Teaching	.	.	36	.	0%
13.1210	Early Childhood Education and Teaching	.	.	218	.	3%
13.1501	Teacher Assistant/Aide	.	.	70	.	1%
14.0101	Engineering, General	.	.	20	.	0%
15.0000	Engineering Technologies/Technicians, General	5	.	10	1%	0%
15.0101	Architectural Engineering Technologies/Technicians	.	.	20	.	0%
15.0201	Civil Engineering Technologies/Technicians	.	.	11	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	1	.	7	0%	0%
15.0405	Robotics Technology/Technician	.	.	16	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	10	.	0	2%	0%
15.0599	Environmental Control Technologies/Technicians, Other	.	.	91	.	1%
15.0612	Industrial Technology/Technician	5	.	5	1%	0%
15.0613	Manufacturing Engineering Technology/Technician	.	.	306	.	4%
15.0699	Industrial Production Technologies/Technicians, Other	11	.	4	3%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	.	0	.	0%
15.0901	Mining Technology/Technician	.	.	4	.	0%
15.1001	Construction Engineering Technology/Technician	.	.	45	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	3	.	6	1%	0%
15.1401	Nuclear Engineering Technology/Technician	.	.	0	.	0%
15.1701	Energy Systems Technology/Technician	8	.	49	2%	1%
19.0707	Family and Community Services	.	.	32	.	0%
19.0709	Child Care Provider/Assistant	13	.	158	3%	2%
22.0302	Legal Assistant/Paralegal	.	.	20	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.	.	636	.	7%
30.0101	Biological and Physical Sciences	.	.	68	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.	.	10	.	0%
43.0102	Corrections	.	.	41	.	0%
43.0103	Criminal Justice/Law Enforcement Administration	5	.	85	1%	1%
43.0104	Criminal Justice/Safety Studies	.	.	140	.	2%
43.0203	Fire Science/Fire-fighting	.	.	11	.	0%
43.0303	Critical Infrastructure Protection	.	.	21	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.	.	56	.	1%
43.0406	Forensic Science and Technology	.	.	9	.	0%
46.0000	Construction Trades, General	80	.	405	19%	5%
46.0101	Mason/Masonry	.	.	32	.	0%
46.0201	Carpentry/Carpenter	5	.	132	1%	2%
46.0301	Electrical and Power Transmission Installation/Installer, General	6	.	78	1%	1%
46.0302	Electrician	.	.	67	.	1%
46.0401	Building/Property Maintenance	.	.	378	.	4%
46.0403	Building/Home/Construction Inspection/Inspector	.	.	5	.	0%
46.0412	Building/Construction Site Management/Manager	.	.	37	.	0%
46.0503	Plumbing Technology/Plumber	19	.	94	4%	1%

46.9999	Construction Trades, Other	.	405	.	5%
47.0000	Mechanics and Repairers, General	.	7	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	87	.	1%
47.0105	Industrial Electronics Technology/Technician	4	89	1%	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	33	149	8%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	133	.	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	108	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	6	44	1%	1%
47.0605	Diesel Mechanics Technology/Technician	.	37	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	59	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	3	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	7	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	25	.	0%
48.0000	Precision Production Trades, General	.	20	.	0%
48.0508	Welding Technology/Welder	21	79	5%	1%
48.0599	Precision Metal Working, Other	.	1	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	125	.	1%
49.0206	Mobil Crane Operator/Operation	.	13	.	0%
49.0207	Flagging and Traffic Control	.	9	.	0%
51.0601	Dental Assisting/Assistant	.	10	.	0%
51.0602	Dental Hygiene/Hygienist	.	3	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	39	.	0%
51.0708	Medical Transcription/Transcriptionist	.	27	.	0%
51.0710	Medical Office Assistant/Specialist	.	209	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	26	57	6%	1%
51.0799	Health and Medical Administrative Services, Other	.	118	.	1%
51.0801	Medical/Clinical Assistant	85	19	20%	0%
51.0803	Occupational Therapist Assistant	.	5	.	0%
51.0805	Pharmacy Technician/Assistant	2	14	0%	0%
51.0806	Physical Therapy Assistant	9	15	2%	0%
51.0902	Electrocardiograph Technology/Technician	.	2	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5	38	1%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	3	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	4	.	0%
51.0909	Surgical Technology/Technologist	.	5	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	4	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	6	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	172	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	4	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	53	8	12%	0%
51.1012	Sterile Processing Technology/Technician	.	22	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	4	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	41	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	41	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	4	.	0%
51.2006	Clinical and Industrial Drug Development	.	3	.	0%
51.2010	Pharmaceutical Sciences	.	4	.	0%
51.2603	Medication Aide	.	481	.	6%
51.3501	Massage Therapy/Therapeutic Massage	.	4	.	0%
51.3801	Registered Nursing/Registered Nurse	2	63	0%	1%
51.3901	Licensed Practical/Vocational Nurse Training	4	28	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	7	479	2%	6%
51.9999	Health Professions and Related Clinical Sciences, Other	.	569	.	7%
52.0203	Logistics, Materials, and Supply Chain Management	.	38	.	0%
52.0211	Project Management	.	164	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	1	192	0%	2%
52.0901	Hospitality Administration/Management, General	.	86	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	70	.	1%

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

college=Paul D. Camp

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	32	.	0%
11.0101	Computer and Information Sciences, General		2	122	1%	1%
11.0102	Artificial Intelligence		.	67	.	1%
11.0103	Information Technology		.	115	.	1%
11.0202	Computer Programming, Specific Applications		.	78	.	1%
11.0501	Computer Systems Analysis/Analyst		.	85	.	1%
11.0701	Computer Science		.	121	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	23	.	0%
11.0901	Computer Systems Networking and Telecommunications		.	101	.	1%
11.0902	Cloud Computing		.	71	.	1%
11.1001	Network and System Administration/Administrator		.	51	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		.	95	.	1%
11.1005	Information Technology Project Management		.	98	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	122	.	1%
12.0500	Cooking and Related Culinary Arts, General		.	248	.	2%
13.0101	Education, General		.	246	.	2%
13.1205	Secondary Education and Teaching		.	51	.	0%
13.1210	Early Childhood Education and Teaching		.	298	.	3%
13.1501	Teacher Assistant/Aide		.	98	.	1%
14.0101	Engineering, General		.	73	.	1%
15.0000	Engineering Technologies/Technicians, General		.	28	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	40	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	20	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		.	28	.	0%
15.0405	Robotics Technology/Technician		.	22	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	2	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	176	.	2%
15.0612	Industrial Technology/Technician		.	11	.	0%
15.0613	Manufacturing Engineering Technology/Technician		.	339	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	2	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	2	.	0%
15.0901	Mining Technology/Technician		.	9	.	0%
15.1001	Construction Engineering Technology/Technician		.	78	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	5	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	0	.	0%
15.1701	Energy Systems Technology/Technician		.	102	.	1%
19.0707	Family and Community Services		2	29	1%	0%
19.0709	Child Care Provider/Assistant		1	191	1%	2%
22.0302	Legal Assistant/Paralegal		.	26	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	833	.	7%
30.0101	Biological and Physical Sciences		.	126	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	35	.	0%
43.0102	Corrections		.	47	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		.	154	.	1%
43.0104	Criminal Justice/Safety Studies		.	236	.	2%
43.0203	Fire Science/Fire-fighting		.	26	.	0%
43.0303	Critical Infrastructure Protection		.	33	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	128	.	1%
43.0406	Forensic Science and Technology		.	16	.	0%
46.0000	Construction Trades, General		24	459	14%	4%
46.0101	Mason/Masonry		.	49	.	0%
46.0201	Carpentry/Carpenter		.	83	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		.	126	.	1%
46.0302	Electrician		.	108	.	1%
46.0401	Building/Property Maintenance		.	393	.	3%
46.0403	Building/Home/Construction Inspection/Inspector		.	8	.	0%
46.0412	Building/Construction Site Management/Manager		.	63	.	1%
46.0503	Plumbing Technology/Plumber		.	118	.	1%

46.9999	Construction Trades, Other	.	459	.	4%
47.0000	Mechanics and Repairers, General	.	8	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	11	101	6%	1%
47.0105	Industrial Electronics Technology/Technician	.	96	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	2	205	1%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	126	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	122	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	61	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	45	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	59	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	4	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	31	8	18%	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	32	.	0%
48.0000	Precision Production Trades, General	.	12	.	0%
48.0508	Welding Technology/Welder	22	74	13%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	164	.	1%
49.0206	Mobil Crane Operator/Operation	.	25	.	0%
49.0207	Flagging and Traffic Control	.	7	.	0%
51.0601	Dental Assisting/Assistant	.	27	.	0%
51.0602	Dental Hygiene/Hygienist	.	7	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	79	.	1%
51.0708	Medical Transcription/Transcriptionist	.	52	.	0%
51.0710	Medical Office Assistant/Specialist	.	320	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	121	.	1%
51.0799	Health and Medical Administrative Services, Other	.	193	.	2%
51.0801	Medical/Clinical Assistant	18	49	11%	0%
51.0803	Occupational Therapist Assistant	.	5	.	0%
51.0805	Pharmacy Technician/Assistant	.	19	.	0%
51.0806	Physical Therapy Assistant	.	16	.	0%
51.0902	Electrocardiograph Technology/Technician	20	4	12%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	60	.	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	5	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	7	.	0%
51.0909	Surgical Technology/Technologist	.	12	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	6	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	10	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	256	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	8	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	22	14	13%	0%
51.1012	Sterile Processing Technology/Technician	.	57	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	8	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	35	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	35	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	5	.	0%
51.2006	Clinical and Industrial Drug Development	.	5	.	0%
51.2010	Pharmaceutical Sciences	.	14	.	0%
51.2603	Medication Aide	.	363	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	11	.	0%
51.3801	Registered Nursing/Registered Nurse	7	95	4%	1%
51.3901	Licensed Practical/Vocational Nurse Training	2	26	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.	356	.	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	522	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	6	72	4%	1%
52.0211	Project Management	.	289	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	.	257	.	2%
52.0901	Hospitality Administration/Management, General	.	131	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	108	.	1%

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

college=Piedmont Virginia

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	80	.	0%
11.0101	Computer and Information Sciences, General		10	351	2%	1%
11.0102	Artificial Intelligence		.	196	.	1%
11.0103	Information Technology		.	323	.	1%
11.0202	Computer Programming, Specific Applications		.	235	.	1%
11.0501	Computer Systems Analysis/Analyst		.	243	.	1%
11.0701	Computer Science		.	349	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	66	.	0%
11.0901	Computer Systems Networking and Telecommunications		5	255	1%	1%
11.0902	Cloud Computing		.	828	.	3%
11.1001	Network and System Administration/Administrator		.	131	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		8	242	2%	1%
11.1005	Information Technology Project Management		.	267	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	351	.	1%
12.0500	Cooking and Related Culinary Arts, General		.	626	.	2%
13.0101	Education, General		1	604	0%	2%
13.1205	Secondary Education and Teaching		.	136	.	0%
13.1210	Early Childhood Education and Teaching		.	747	.	3%
13.1501	Teacher Assistant/Aide		.	248	.	1%
14.0101	Engineering, General		2	97	0%	0%
15.0000	Engineering Technologies/Technicians, General		.	46	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	80	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	70	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		.	59	.	0%
15.0405	Robotics Technology/Technician		.	47	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	395	.	1%
15.0612	Industrial Technology/Technician		1	9	0%	0%
15.0613	Manufacturing Engineering Technology/Technician		.	768	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	2	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	2	.	0%
15.0901	Mining Technology/Technician		.	7	.	0%
15.1001	Construction Engineering Technology/Technician		.	157	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	16	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	8	.	0%
15.1701	Energy Systems Technology/Technician		.	232	.	1%
19.0707	Family and Community Services		.	86	.	0%
19.0709	Child Care Provider/Assistant		2	511	0%	2%
22.0302	Legal Assistant/Paralegal		.	78	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	2,625	.	9%
30.0101	Biological and Physical Sciences		.	264	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	140	.	0%
43.0102	Corrections		.	65	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		.	330	.	1%
43.0104	Criminal Justice/Safety Studies		.	479	.	2%
43.0203	Fire Science/Fire-fighting		.	23	.	0%
43.0303	Critical Infrastructure Protection		.	86	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	307	.	1%
43.0406	Forensic Science and Technology		.	37	.	0%
46.0000	Construction Trades, General		115	1,030	23%	4%
46.0101	Mason/Masonry		.	94	.	0%
46.0201	Carpentry/Carpenter		.	184	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		13	283	3%	1%
46.0302	Electrician		47	233	9%	1%
46.0401	Building/Property Maintenance		.	1,166	.	4%
46.0403	Building/Home/Construction Inspection/Inspector		.	14	.	0%
46.0412	Building/Construction Site Management/Manager		.	119	.	0%
46.0503	Plumbing Technology/Plumber		1	251	0%	1%

46.9999	Construction Trades, Other	.	1,030	.	4%
47.0000	Mechanics and Repairers, General	.	16	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	223	.	1%
47.0105	Industrial Electronics Technology/Technician	.	198	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	48	483	10%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	244	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	252	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	105	.	0%
47.0605	Diesel Mechanics Technology/Technician	.	76	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	11	148	2%	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	8	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	17	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	4	61	1%	0%
48.0000	Precision Production Trades, General	.	16	.	0%
48.0508	Welding Technology/Welder	61	169	12%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	229	.	1%
49.0206	Mobil Crane Operator/Operation	.	37	.	0%
49.0207	Flagging and Traffic Control	.	15	.	0%
51.0601	Dental Assisting/Assistant	.	49	.	0%
51.0602	Dental Hygiene/Hygienist	.	12	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	198	.	1%
51.0708	Medical Transcription/Transcriptionist	.	106	.	0%
51.0710	Medical Office Assistant/Specialist	.	712	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	.	204	.	1%
51.0799	Health and Medical Administrative Services, Other	1	475	0%	2%
51.0801	Medical/Clinical Assistant	83	69	16%	0%
51.0803	Occupational Therapist Assistant	.	5	.	0%
51.0805	Pharmacy Technician/Assistant	.	43	.	0%
51.0806	Physical Therapy Assistant	.	24	.	0%
51.0902	Electrocardiograph Technology/Technician	.	13	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	8	103	2%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	12	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	13	.	0%
51.0909	Surgical Technology/Technologist	1	35	0%	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	4	16	1%	0%
51.0911	Radiologic Technology/Science - Radiographer	1	20	0%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	2	592	0%	2%
51.1004	Clinical/Medical Laboratory Technician	.	15	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	33	27	7%	0%
51.1012	Sterile Processing Technology/Technician	1	96	0%	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	15	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	97	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	1	97	0%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	10	.	0%
51.2006	Clinical and Industrial Drug Development	.	11	.	0%
51.2010	Pharmaceutical Sciences	.	54	.	0%
51.2603	Medication Aide	9	879	2%	3%
51.3501	Massage Therapy/Therapeutic Massage	.	28	.	0%
51.3801	Registered Nursing/Registered Nurse	17	248	3%	1%
51.3901	Licensed Practical/Vocational Nurse Training	6	42	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	9	837	2%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	1,181	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	140	.	0%
52.0211	Project Management	.	734	.	3%
52.0499	Business Operations Support and Secretarial Services, Other	.	722	.	3%
52.0901	Hospitality Administration/Management, General	.	388	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	305	.	1%

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

college=Rappahannock

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	.	20	.	0%
11.0101	Computer and Information Sciences, General	.	.	203	.	2%
11.0102	Artificial Intelligence	.	.	162	.	1%
11.0103	Information Technology	.	.	193	.	1%
11.0202	Computer Programming, Specific Applications	.	.	163	.	1%
11.0501	Computer Systems Analysis/Analyst	.	.	169	.	1%
11.0701	Computer Science	.	.	213	.	2%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	.	47	.	0%
11.0901	Computer Systems Networking and Telecommunications	.	.	163	.	1%
11.0902	Cloud Computing	.	.	124	.	1%
11.1001	Network and System Administration/Administrator	.	.	65	.	1%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	.	113	.	1%
11.1005	Information Technology Project Management	.	.	124	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	.	.	203	.	2%
12.0500	Cooking and Related Culinary Arts, General	.	.	266	.	2%
13.0101	Education, General	.	.	258	.	2%
13.1205	Secondary Education and Teaching	.	.	54	.	0%
13.1210	Early Childhood Education and Teaching	.	.	313	.	2%
13.1501	Teacher Assistant/Aide	.	.	112	.	1%
14.0101	Engineering, General	.	.	145	.	1%
15.0000	Engineering Technologies/Technicians, General	1	.	46	0%	0%
15.0101	Architectural Engineering Technologies/Technicians	.	.	60	.	0%
15.0201	Civil Engineering Technologies/Technicians	.	.	25	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	.	.	47	.	0%
15.0405	Robotics Technology/Technician	.	.	37	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other	.	.	214	.	2%
15.0612	Industrial Technology/Technician	.	.	23	.	0%
15.0613	Manufacturing Engineering Technology/Technician	.	.	401	.	3%
15.0699	Industrial Production Technologies/Technicians, Other	.	.	1	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	.	1	.	0%
15.0901	Mining Technology/Technician	.	.	22	.	0%
15.1001	Construction Engineering Technology/Technician	.	.	93	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	.	8	.	0%
15.1401	Nuclear Engineering Technology/Technician	.	.	0	.	0%
15.1701	Energy Systems Technology/Technician	.	.	122	.	1%
19.0707	Family and Community Services	.	.	34	.	0%
19.0709	Child Care Provider/Assistant	.	.	208	.	2%
22.0302	Legal Assistant/Paralegal	.	.	28	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.	.	871	.	7%
30.0101	Biological and Physical Sciences	.	.	86	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.	.	37	.	0%
43.0102	Corrections	.	.	51	.	0%
43.0103	Criminal Justice/Law Enforcement Administration	2	.	189	1%	1%
43.0104	Criminal Justice/Safety Studies	.	.	281	.	2%
43.0203	Fire Science/Fire-fighting	.	.	23	.	0%
43.0303	Critical Infrastructure Protection	.	.	45	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.	.	171	.	1%
43.0406	Forensic Science and Technology	.	.	23	.	0%
46.0000	Construction Trades, General	.	.	515	.	4%
46.0101	Mason/Masonry	.	.	54	.	0%
46.0201	Carpentry/Carpenter	.	.	122	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	.	.	115	.	1%
46.0302	Electrician	1	.	99	0%	1%
46.0401	Building/Property Maintenance	.	.	494	.	4%
46.0403	Building/Home/Construction Inspection/Inspector	.	.	11	.	0%
46.0412	Building/Construction Site Management/Manager	.	.	70	.	1%
46.0503	Plumbing Technology/Plumber	.	.	132	.	1%

46.9999	Construction Trades, Other	.	515	.	4%
47.0000	Mechanics and Repairers, General	.	9	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	105	.	1%
47.0105	Industrial Electronics Technology/Technician	1	116	0%	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	.	243	.	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	140	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	132	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	70	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	54	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	69	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	11	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	17	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	56	36	20%	0%
48.0000	Precision Production Trades, General	.	7	.	0%
48.0508	Welding Technology/Welder	132	86	47%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	166	.	1%
49.0206	Mobil Crane Operator/Operation	.	35	.	0%
49.0207	Flagging and Traffic Control	.	11	.	0%
51.0601	Dental Assisting/Assistant	.	16	.	0%
51.0602	Dental Hygiene/Hygienist	.	4	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	57	.	0%
51.0708	Medical Transcription/Transcriptionist	.	29	.	0%
51.0710	Medical Office Assistant/Specialist	.	263	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	.	65	.	0%
51.0799	Health and Medical Administrative Services, Other	.	178	.	1%
51.0801	Medical/Clinical Assistant	16	23	6%	0%
51.0803	Occupational Therapist Assistant	.	3	.	0%
51.0805	Pharmacy Technician/Assistant	1	19	0%	0%
51.0806	Physical Therapy Assistant	.	10	.	0%
51.0902	Electrocardiograph Technology/Technician	.	2	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	17	66	6%	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	3	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	5	.	0%
51.0909	Surgical Technology/Technologist	.	7	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	5	4	2%	0%
51.0911	Radiologic Technology/Science - Radiographer	.	5	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	212	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	4	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	.	6	.	0%
51.1012	Sterile Processing Technology/Technician	.	27	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	4	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	37	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	37	.	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	4	.	0%
51.2006	Clinical and Industrial Drug Development	.	4	.	0%
51.2010	Pharmaceutical Sciences	.	6	.	0%
51.2603	Medication Aide	10	343	4%	3%
51.3501	Massage Therapy/Therapeutic Massage	.	8	.	0%
51.3801	Registered Nursing/Registered Nurse	15	64	5%	0%
51.3901	Licensed Practical/Vocational Nurse Training	6	24	2%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	16	333	6%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	453	.	3%
52.0203	Logistics, Materials, and Supply Chain Management	.	103	.	1%
52.0211	Project Management	.	356	.	3%
52.0499	Business Operations Support and Secretarial Services, Other	.	263	.	2%
52.0901	Hospitality Administration/Management, General	.	150	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	121	.	1%

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

college=Southside Virginia

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	20	.	0%
11.0101	Computer and Information Sciences, General		2	62	1%	1%
11.0102	Artificial Intelligence		.	30	.	0%
11.0103	Information Technology		.	58	.	1%
11.0202	Computer Programming, Specific Applications		.	36	.	0%
11.0501	Computer Systems Analysis/Analyst		.	39	.	0%
11.0701	Computer Science		.	60	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	12	.	0%
11.0901	Computer Systems Networking and Telecommunications		1	48	0%	0%
11.0902	Cloud Computing		.	90	.	1%
11.1001	Network and System Administration/Administrator		.	25	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		.	46	.	0%
11.1005	Information Technology Project Management		.	60	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	62	.	1%
12.0500	Cooking and Related Culinary Arts, General		.	193	.	2%
13.0101	Education, General		.	224	.	2%
13.1205	Secondary Education and Teaching		.	59	.	1%
13.1210	Early Childhood Education and Teaching		.	257	.	2%
13.1501	Teacher Assistant/Aide		.	86	.	1%
14.0101	Engineering, General		.	25	.	0%
15.0000	Engineering Technologies/Technicians, General		.	11	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	31	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	20	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		.	15	.	0%
15.0405	Robotics Technology/Technician		.	16	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	137	.	1%
15.0612	Industrial Technology/Technician		.	3	.	0%
15.0613	Manufacturing Engineering Technology/Technician		.	322	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	1	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	0	.	0%
15.0901	Mining Technology/Technician		.	2	.	0%
15.1001	Construction Engineering Technology/Technician		.	70	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	6	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	1	.	0%
15.1701	Energy Systems Technology/Technician		12	69	4%	1%
19.0707	Family and Community Services		.	36	.	0%
19.0709	Child Care Provider/Assistant		.	168	.	2%
22.0302	Legal Assistant/Paralegal		.	30	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	798	.	7%
30.0101	Biological and Physical Sciences		.	93	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	15	.	0%
43.0102	Corrections		.	136	.	1%
43.0103	Criminal Justice/Law Enforcement Administration		5	116	2%	1%
43.0104	Criminal Justice/Safety Studies		.	275	.	3%
43.0203	Fire Science/Fire-fighting		.	14	.	0%
43.0303	Critical Infrastructure Protection		.	28	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	75	.	1%
43.0406	Forensic Science and Technology		.	14	.	0%
46.0000	Construction Trades, General		.	471	.	4%
46.0101	Mason/Masonry		.	42	.	0%
46.0201	Carpentry/Carpenter		.	113	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		12	121	4%	1%
46.0302	Electrician		.	94	.	1%
46.0401	Building/Property Maintenance		.	460	.	4%
46.0403	Building/Home/Construction Inspection/Inspector		.	7	.	0%
46.0412	Building/Construction Site Management/Manager		.	55	.	1%
46.0503	Plumbing Technology/Plumber		.	110	.	1%

46.9999	Construction Trades, Other	.	471	.	4%
47.0000	Mechanics and Repairers, General	.	9	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	106	.	1%
47.0105	Industrial Electronics Technology/Technician	.	93	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	41	181	15%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	132	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	121	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	80	59	30%	1%
47.0605	Diesel Mechanics Technology/Technician	16	50	6%	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	61	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	4	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	7	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	37	.	0%
48.0000	Precision Production Trades, General	.	11	.	0%
48.0508	Welding Technology/Welder	1	81	0%	1%
48.0599	Precision Metal Working, Other	.	0	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	199	.	2%
49.0206	Mobil Crane Operator/Operation	.	30	.	0%
49.0207	Flagging and Traffic Control	.	21	.	0%
51.0601	Dental Assisting/Assistant	.	8	.	0%
51.0602	Dental Hygiene/Hygienist	.	2	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	53	.	0%
51.0708	Medical Transcription/Transcriptionist	.	35	.	0%
51.0710	Medical Office Assistant/Specialist	.	263	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	.	72	.	1%
51.0799	Health and Medical Administrative Services, Other	1	151	0%	1%
51.0801	Medical/Clinical Assistant	.	23	.	0%
51.0803	Occupational Therapist Assistant	.	4	.	0%
51.0805	Pharmacy Technician/Assistant	.	26	.	0%
51.0806	Physical Therapy Assistant	.	10	.	0%
51.0902	Electrocardiograph Technology/Technician	.	2	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	48	0%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	5	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	9	.	0%
51.0909	Surgical Technology/Technologist	.	11	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	6	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	9	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	1	259	0%	2%
51.1004	Clinical/Medical Laboratory Technician	.	5	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	40	10	15%	0%
51.1012	Sterile Processing Technology/Technician	.	29	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	5	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	47	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	13	47	5%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	5	.	0%
51.2006	Clinical and Industrial Drug Development	.	5	.	0%
51.2010	Pharmaceutical Sciences	.	7	.	0%
51.2603	Medication Aide	.	507	.	5%
51.3501	Massage Therapy/Therapeutic Massage	.	6	.	0%
51.3801	Registered Nursing/Registered Nurse	4	87	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	2	33	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	35	502	13%	5%
51.9999	Health Professions and Related Clinical Sciences, Other	.	604	.	6%
52.0203	Logistics, Materials, and Supply Chain Management	.	45	.	0%
52.0211	Project Management	.	208	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	1	251	0%	2%
52.0901	Hospitality Administration/Management, General	.	108	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	87	.	1%

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

college=Southwest Virginia

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.	.	5	.	0%
11.0101	Computer and Information Sciences, General	8	32	2%	1%	
11.0102	Artificial Intelligence	.	17	.	0%	
11.0103	Information Technology	.	30	.	1%	
11.0202	Computer Programming, Specific Applications	.	19	.	0%	
11.0501	Computer Systems Analysis/Analyst	.	20	.	0%	
11.0701	Computer Science	.	31	.	1%	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.	6	.	0%	
11.0901	Computer Systems Networking and Telecommunications	.	24	.	0%	
11.0902	Cloud Computing	.	43	.	1%	
11.1001	Network and System Administration/Administrator	.	14	.	0%	
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.	23	.	0%	
11.1005	Information Technology Project Management	.	30	.	1%	
11.9999	Computer and Information Sciences and Support Services, Other	.	32	.	1%	
12.0500	Cooking and Related Culinary Arts, General	.	104	.	2%	
13.0101	Education, General	5	123	1%	2%	
13.1205	Secondary Education and Teaching	.	26	.	0%	
13.1210	Early Childhood Education and Teaching	.	136	.	3%	
13.1501	Teacher Assistant/Aide	.	51	.	1%	
14.0101	Engineering, General	3	20	1%	0%	
15.0000	Engineering Technologies/Technicians, General	.	7	.	0%	
15.0101	Architectural Engineering Technologies/Technicians	.	13	.	0%	
15.0201	Civil Engineering Technologies/Technicians	.	8	.	0%	
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	9	12	2%	0%	
15.0405	Robotics Technology/Technician	.	15	.	0%	
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	0	.	0%	
15.0599	Environmental Control Technologies/Technicians, Other	.	75	.	1%	
15.0612	Industrial Technology/Technician	2	3	0%	0%	
15.0613	Manufacturing Engineering Technology/Technician	.	162	.	3%	
15.0699	Industrial Production Technologies/Technicians, Other	11	2	2%	0%	
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.	0	.	0%	
15.0901	Mining Technology/Technician	.	47	.	1%	
15.1001	Construction Engineering Technology/Technician	4	49	1%	1%	
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.	3	.	0%	
15.1401	Nuclear Engineering Technology/Technician	.	0	.	0%	
15.1701	Energy Systems Technology/Technician	.	28	.	1%	
19.0707	Family and Community Services	.	21	.	0%	
19.0709	Child Care Provider/Assistant	23	88	5%	2%	
22.0302	Legal Assistant/Paralegal	.	15	.	0%	
24.0101	Liberal Arts and Sciences/Liberal Studies	.	398	.	7%	
30.0101	Biological and Physical Sciences	.	43	.	1%	
41.0101	Biology/Biotechnology Technology/Technician	.	7	.	0%	
43.0102	Corrections	.	67	.	1%	
43.0103	Criminal Justice/Law Enforcement Administration	8	71	2%	1%	
43.0104	Criminal Justice/Safety Studies	.	148	.	3%	
43.0203	Fire Science/Fire-fighting	.	8	.	0%	
43.0303	Critical Infrastructure Protection	.	14	.	0%	
43.0403	Cyber/Computer Forensics and Counterterrorism	.	38	.	1%	
43.0406	Forensic Science and Technology	.	8	.	0%	
46.0000	Construction Trades, General	44	247	9%	5%	
46.0101	Mason/Masonry	8	34	2%	1%	
46.0201	Carpentry/Carpenter	6	54	1%	1%	
46.0301	Electrical and Power Transmission Installation/Installer, General	14	76	3%	1%	
46.0302	Electrician	.	62	.	1%	
46.0401	Building/Property Maintenance	.	201	.	4%	
46.0403	Building/Home/Construction Inspection/Inspector	.	4	.	0%	
46.0412	Building/Construction Site Management/Manager	.	42	.	1%	
46.0503	Plumbing Technology/Plumber	1	70	0%	1%	

46.9999	Construction Trades, Other	.	247	.	5%
47.0000	Mechanics and Repairers, General	.	3	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	54	.	1%
47.0105	Industrial Electronics Technology/Technician	.	52	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	.	86	.	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	78	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	62	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	58	31	12%	1%
47.0605	Diesel Mechanics Technology/Technician	.	27	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	31	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	2	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	5	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	34	17	7%	0%
48.0000	Precision Production Trades, General	.	4	.	0%
48.0508	Welding Technology/Welder	105	56	22%	1%
48.0599	Precision Metal Working, Other	4	0	1%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	149	.	3%
49.0206	Mobil Crane Operator/Operation	.	30	.	1%
49.0207	Flagging and Traffic Control	.	12	.	0%
51.0601	Dental Assisting/Assistant	.	6	.	0%
51.0602	Dental Hygiene/Hygienist	.	2	.	0%
51.0707	Health Information/Medical Records Technology/Technician	9	26	2%	0%
51.0708	Medical Transcription/Transcriptionist	.	17	.	0%
51.0710	Medical Office Assistant/Specialist	.	134	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	35	.	1%
51.0799	Health and Medical Administrative Services, Other	.	73	.	1%
51.0801	Medical/Clinical Assistant	.	12	.	0%
51.0803	Occupational Therapist Assistant	8	3	2%	0%
51.0805	Pharmacy Technician/Assistant	.	18	.	0%
51.0806	Physical Therapy Assistant	.	7	.	0%
51.0902	Electrocardiograph Technology/Technician	.	2	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	32	0%	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	2	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	4	.	0%
51.0909	Surgical Technology/Technologist	.	3	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	3	.	0%
51.0911	Radiologic Technology/Science - Radiographer	2	4	0%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	13	119	3%	2%
51.1004	Clinical/Medical Laboratory Technician	3	3	1%	0%
51.1009	Phlebotomy Technician/Phlebotomist	13	7	3%	0%
51.1012	Sterile Processing Technology/Technician	.	14	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	3	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	26	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	5	26	1%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	5	.	0%
51.2006	Clinical and Industrial Drug Development	.	3	.	0%
51.2010	Pharmaceutical Sciences	.	4	.	0%
51.2603	Medication Aide	6	139	1%	3%
51.3501	Massage Therapy/Therapeutic Massage	.	3	.	0%
51.3801	Registered Nursing/Registered Nurse	7	39	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	8	17	2%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	52	137	11%	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	187	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	22	.	0%
52.0211	Project Management	.	99	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	.	124	.	2%
52.0901	Hospitality Administration/Management, General	.	42	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	44	.	1%

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	7	179	1%	0%
11.0101	Computer and Information Sciences, General	35	1,292	3%	1%
11.0102	Artificial Intelligence	.	651	.	1%
11.0103	Information Technology	.	1,220	.	1%
11.0202	Computer Programming, Specific Applications	.	846	.	1%
11.0501	Computer Systems Analysis/Analyst	.	902	.	1%
11.0701	Computer Science	13	1,269	1%	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	3	311	0%	0%
11.0901	Computer Systems Networking and Telecommunications	.	1,055	.	1%
11.0902	Cloud Computing	.	853	.	1%
11.1001	Network and System Administration/Administrator	.	603	.	1%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	37	999	3%	1%
11.1005	Information Technology Project Management	.	1,062	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	.	1,292	.	1%
12.0500	Cooking and Related Culinary Arts, General	13	2,171	1%	2%
13.0101	Education, General	.	1,602	.	2%
13.1205	Secondary Education and Teaching	.	306	.	0%
13.1210	Early Childhood Education and Teaching	.	2,084	.	2%
13.1501	Teacher Assistant/Aide	21	726	2%	1%
14.0101	Engineering, General	9	650	1%	1%
15.0000	Engineering Technologies/Technicians, General	1	303	0%	0%
15.0101	Architectural Engineering Technologies/Technicians	.	394	.	0%
15.0201	Civil Engineering Technologies/Technicians	1	235	0%	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	3	330	0%	0%
15.0405	Robotics Technology/Technician	.	254	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.	10	.	0%
15.0599	Environmental Control Technologies/Technicians, Other	.	1,792	.	2%
15.0612	Industrial Technology/Technician	.	115	.	0%
15.0613	Manufacturing Engineering Technology/Technician	4	2,967	0%	3%
15.0699	Industrial Production Technologies/Technicians, Other	1	12	0%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	8	13	1%	0%
15.0901	Mining Technology/Technician	.	104	.	0%
15.1001	Construction Engineering Technology/Technician	.	706	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	7	64	1%	0%
15.1401	Nuclear Engineering Technology/Technician	.	1	.	0%
15.1701	Energy Systems Technology/Technician	.	1,148	.	1%
19.0707	Family and Community Services	.	264	.	0%
19.0709	Child Care Provider/Assistant	24	1,434	2%	1%
22.0302	Legal Assistant/Paralegal	.	350	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.	8,242	.	8%
30.0101	Biological and Physical Sciences	.	892	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.	269	.	0%
43.0102	Corrections	.	189	.	0%
43.0103	Criminal Justice/Law Enforcement Administration	26	1,502	2%	1%
43.0104	Criminal Justice/Safety Studies	.	2,066	.	2%
43.0203	Fire Science/Fire-fighting	5	179	0%	0%
43.0303	Critical Infrastructure Protection	.	307	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.	1,475	.	1%
43.0406	Forensic Science and Technology	1	186	0%	0%
46.0000	Construction Trades, General	99	4,032	8%	4%
46.0101	Mason/Masonry	.	400	.	0%
46.0201	Carpentry/Carpenter	11	671	1%	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	.	1,177	.	1%
46.0302	Electrician	35	984	3%	1%
46.0401	Building/Property Maintenance	.	3,572	.	3%
46.0403	Building/Home/Construction Inspection/Inspector	.	81	.	0%
46.0412	Building/Construction Site Management/Manager	.	520	.	0%
46.0503	Plumbing Technology/Plumber	.	1,121	.	1%

46.9999	Construction Trades, Other	.	4,032	.	4%
47.0000	Mechanics and Repairers, General	.	119	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	1,017	.	1%
47.0105	Industrial Electronics Technology/Technician	.	867	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	29	2,324	2%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	1,188	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	1	1,127	0%	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	62	555	5%	1%
47.0605	Diesel Mechanics Technology/Technician	.	404	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	523	.	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	157	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	101	99	8%	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	360	.	0%
48.0000	Precision Production Trades, General	.	83	.	0%
48.0508	Welding Technology/Welder	298	787	24%	1%
48.0599	Precision Metal Working, Other	.	4	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	934	.	1%
49.0206	Mobil Crane Operator/Operation	.	191	.	0%
49.0207	Flagging and Traffic Control	.	19	.	0%
51.0601	Dental Assisting/Assistant	.	207	.	0%
51.0602	Dental Hygiene/Hygienist	.	47	.	0%
51.0707	Health Information/Medical Records Technology/Technician	5	721	0%	1%
51.0708	Medical Transcription/Transcriptionist	.	434	.	0%
51.0710	Medical Office Assistant/Specialist	40	2,825	3%	3%
51.0713	Medical Insurance Coding Specialist/Coder	131	1,039	10%	1%
51.0799	Health and Medical Administrative Services, Other	2	1,855	0%	2%
51.0801	Medical/Clinical Assistant	52	385	4%	0%
51.0803	Occupational Therapist Assistant	8	32	1%	0%
51.0805	Pharmacy Technician/Assistant	.	136	.	0%
51.0806	Physical Therapy Assistant	4	117	0%	0%
51.0902	Electrocardiograph Technology/Technician	28	40	2%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	2	489	0%	0%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	51	.	0%
51.0908	Respiratory Care Therapy/Therapist	8	63	1%	0%
51.0909	Surgical Technology/Technologist	.	112	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	3	57	0%	0%
51.0911	Radiologic Technology/Science - Radiographer	4	90	0%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	10	2,258	1%	2%
51.1004	Clinical/Medical Laboratory Technician	2	74	0%	0%
51.1009	Phlebotomy Technician/Phlebotomist	71	131	6%	0%
51.1012	Sterile Processing Technology/Technician	.	458	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	13	74	1%	0%
51.1501	Substance Abuse/Addiction Counseling	.	434	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	5	434	0%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	43	.	0%
51.2006	Clinical and Industrial Drug Development	.	42	.	0%
51.2010	Pharmaceutical Sciences	.	63	.	0%
51.2603	Medication Aide	.	2,631	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	110	.	0%
51.3801	Registered Nursing/Registered Nurse	7	897	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	4	202	0%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.	2,553	.	2%
51.9999	Health Professions and Related Clinical Sciences, Other	.	3,965	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	.	865	.	1%
52.0211	Project Management	.	2,998	.	3%
52.0499	Business Operations Support and Secretarial Services, Other	.	2,274	.	2%
52.0901	Hospitality Administration/Management, General	9	1,229	1%	1%
52.1001	Human Resources Management/Personnel Administration, General	.	1,130	.	1%

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

college=Virginia Highlands

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	.		11	.	0%
11.0101	Computer and Information Sciences, General	2		114	1%	1%
11.0102	Artificial Intelligence	.		56	.	1%
11.0103	Information Technology	.		106	.	1%
11.0202	Computer Programming, Specific Applications	.		71	.	1%
11.0501	Computer Systems Analysis/Analyst	.		76	.	1%
11.0701	Computer Science	.		111	.	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design	.		22	.	0%
11.0901	Computer Systems Networking and Telecommunications	.		101	.	1%
11.0902	Cloud Computing	.		76	.	1%
11.1001	Network and System Administration/Administrator	.		48	.	1%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance	.		97	.	1%
11.1005	Information Technology Project Management	.		91	.	1%
11.9999	Computer and Information Sciences and Support Services, Other	.		114	.	1%
12.0500	Cooking and Related Culinary Arts, General	.		251	.	3%
13.0101	Education, General	.		172	.	2%
13.1205	Secondary Education and Teaching	.		30	.	0%
13.1210	Early Childhood Education and Teaching	.		177	.	2%
13.1501	Teacher Assistant/Aide	.		63	.	1%
14.0101	Engineering, General	1		43	1%	1%
15.0000	Engineering Technologies/Technicians, General	.		6	.	0%
15.0101	Architectural Engineering Technologies/Technicians	.		14	.	0%
15.0201	Civil Engineering Technologies/Technicians	.		7	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician	6		13	3%	0%
15.0405	Robotics Technology/Technician	.		23	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician	.		0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other	.		103	.	1%
15.0612	Industrial Technology/Technician	1		3	1%	0%
15.0613	Manufacturing Engineering Technology/Technician	.		347	.	4%
15.0699	Industrial Production Technologies/Technicians, Other	2		2	1%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	.		0	.	0%
15.0901	Mining Technology/Technician	.		1	.	0%
15.1001	Construction Engineering Technology/Technician	.		28	.	0%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	.		7	.	0%
15.1401	Nuclear Engineering Technology/Technician	.		0	.	0%
15.1701	Energy Systems Technology/Technician	.		73	.	1%
19.0707	Family and Community Services	.		23	.	0%
19.0709	Child Care Provider/Assistant	.		104	.	1%
22.0302	Legal Assistant/Paralegal	.		16	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies	.		767	.	9%
30.0101	Biological and Physical Sciences	.		73	.	1%
41.0101	Biology/Biotechnology Technology/Technician	.		16	.	0%
43.0102	Corrections	.		57	.	1%
43.0103	Criminal Justice/Law Enforcement Administration	1		105	1%	1%
43.0104	Criminal Justice/Safety Studies	.		176	.	2%
43.0203	Fire Science/Fire-fighting	.		14	.	0%
43.0303	Critical Infrastructure Protection	.		27	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism	.		89	.	1%
43.0406	Forensic Science and Technology	.		10	.	0%
46.0000	Construction Trades, General	.		414	.	5%
46.0101	Mason/Masonry	.		13	.	0%
46.0201	Carpentry/Carpenter	.		71	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General	.		49	.	1%
46.0302	Electrician	10		39	5%	0%
46.0401	Building/Property Maintenance	.		297	.	4%
46.0403	Building/Home/Construction Inspection/Inspector	.		8	.	0%
46.0412	Building/Construction Site Management/Manager	.		19	.	0%
46.0503	Plumbing Technology/Plumber	.		56	.	1%

46.9999	Construction Trades, Other	.	414	.	5%
47.0000	Mechanics and Repairers, General	.	3	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	57	.	1%
47.0105	Industrial Electronics Technology/Technician	.	69	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	6	130	3%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	.	100	.	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	76	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	30	.	0%
47.0605	Diesel Mechanics Technology/Technician	13	27	7%	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	40	.	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	4	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	4	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	3	17	2%	0%
48.0000	Precision Production Trades, General	.	9	.	0%
48.0508	Welding Technology/Welder	18	75	9%	1%
48.0599	Precision Metal Working, Other	9	0	5%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	76	.	1%
49.0206	Mobil Crane Operator/Operation	.	13	.	0%
49.0207	Flagging and Traffic Control	.	17	.	0%
51.0601	Dental Assisting/Assistant	.	26	.	0%
51.0602	Dental Hygiene/Hygienist	.	1	.	0%
51.0707	Health Information/Medical Records Technology/Technician	7	52	4%	1%
51.0708	Medical Transcription/Transcriptionist	.	19	.	0%
51.0710	Medical Office Assistant/Specialist	.	170	.	2%
51.0713	Medical Insurance Coding Specialist/Coder	8	53	4%	1%
51.0799	Health and Medical Administrative Services, Other	.	110	.	1%
51.0801	Medical/Clinical Assistant	8	26	4%	0%
51.0803	Occupational Therapist Assistant	.	4	.	0%
51.0805	Pharmacy Technician/Assistant	.	15	.	0%
51.0806	Physical Therapy Assistant	.	7	.	0%
51.0902	Electrocardiograph Technology/Technician	.	0	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	1	52	1%	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	4	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	9	.	0%
51.0909	Surgical Technology/Technologist	.	4	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	3	.	0%
51.0911	Radiologic Technology/Science - Radiographer	5	7	3%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	3	180	2%	2%
51.1004	Clinical/Medical Laboratory Technician	.	2	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	44	3	23%	0%
51.1012	Sterile Processing Technology/Technician	.	27	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	2	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	31	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	4	31	2%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	1	.	0%
51.2006	Clinical and Industrial Drug Development	.	7	.	0%
51.2010	Pharmaceutical Sciences	.	7	.	0%
51.2603	Medication Aide	.	214	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	11	.	0%
51.3801	Registered Nursing/Registered Nurse	15	50	8%	1%
51.3901	Licensed Practical/Vocational Nurse Training	2	22	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	24	210	12%	2%
51.9999	Health Professions and Related Clinical Sciences, Other	.	281	.	3%
52.0203	Logistics, Materials, and Supply Chain Management	.	65	.	1%
52.0211	Project Management	.	316	.	4%
52.0499	Business Operations Support and Secretarial Services, Other	.	163	.	2%
52.0901	Hospitality Administration/Management, General	.	97	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	75	.	1%

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

college=Virginia Peninsula

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	50	.	0%
11.0101	Computer and Information Sciences, General		46	239	5%	1%
11.0102	Artificial Intelligence		.	117	.	0%
11.0103	Information Technology		5	226	1%	1%
11.0202	Computer Programming, Specific Applications		.	154	.	1%
11.0501	Computer Systems Analysis/Analyst		.	163	.	1%
11.0701	Computer Science		3	235	0%	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	64	.	0%
11.0901	Computer Systems Networking and Telecommunications		16	203	2%	1%
11.0902	Cloud Computing		.	228	.	1%
11.1001	Network and System Administration/Administrator		.	112	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		10	193	1%	1%
11.1005	Information Technology Project Management		.	214	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	239	.	1%
12.0500	Cooking and Related Culinary Arts, General		.	590	.	2%
13.0101	Education, General		.	430	.	2%
13.1205	Secondary Education and Teaching		.	80	.	0%
13.1210	Early Childhood Education and Teaching		.	569	.	2%
13.1501	Teacher Assistant/Aide		.	192	.	1%
14.0101	Engineering, General		2	125	0%	1%
15.0000	Engineering Technologies/Technicians, General		.	64	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	83	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	52	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		5	78	1%	0%
15.0405	Robotics Technology/Technician		.	63	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	2	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	376	.	2%
15.0612	Industrial Technology/Technician		1	24	0%	0%
15.0613	Manufacturing Engineering Technology/Technician		.	656	.	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	3	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	2	.	0%
15.0901	Mining Technology/Technician		.	21	.	0%
15.1001	Construction Engineering Technology/Technician		.	147	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	12	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	0	.	0%
15.1701	Energy Systems Technology/Technician		.	237	.	1%
19.0707	Family and Community Services		.	67	.	0%
19.0709	Child Care Provider/Assistant		8	387	1%	2%
22.0302	Legal Assistant/Paralegal		.	62	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	1,968	.	8%
30.0101	Biological and Physical Sciences		.	206	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	58	.	0%
43.0102	Corrections		.	50	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		9	350	1%	1%
43.0104	Criminal Justice/Safety Studies		.	469	.	2%
43.0203	Fire Science/Fire-fighting		.	52	.	0%
43.0303	Critical Infrastructure Protection		.	76	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	305	.	1%
43.0406	Forensic Science and Technology		.	37	.	0%
46.0000	Construction Trades, General		22	872	2%	4%
46.0101	Mason/Masonry		.	80	.	0%
46.0201	Carpentry/Carpenter		14	145	1%	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		.	215	.	1%
46.0302	Electrician		23	181	2%	1%
46.0401	Building/Property Maintenance		4	1,069	0%	4%
46.0403	Building/Home/Construction Inspection/Inspector		.	19	.	0%
46.0412	Building/Construction Site Management/Manager		.	105	.	0%
46.0503	Plumbing Technology/Plumber		.	259	.	1%

46.9999	Construction Trades, Other	.	872	.	4%
47.0000	Mechanics and Repairers, General	.	27	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	253	.	1%
47.0105	Industrial Electronics Technology/Technician	.	215	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	21	517	2%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	2	292	0%	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	283	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	135	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	96	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	142	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	49	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	64	19	7%	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	82	.	0%
48.0000	Precision Production Trades, General	.	13	.	0%
48.0508	Welding Technology/Welder	395	182	41%	1%
48.0599	Precision Metal Working, Other	.	1	.	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	180	.	1%
49.0206	Mobil Crane Operator/Operation	.	35	.	0%
49.0207	Flagging and Traffic Control	.	5	.	0%
51.0601	Dental Assisting/Assistant	.	55	.	0%
51.0602	Dental Hygiene/Hygienist	.	13	.	0%
51.0707	Health Information/Medical Records Technology/Technician	.	150	.	1%
51.0708	Medical Transcription/Transcriptionist	.	95	.	0%
51.0710	Medical Office Assistant/Specialist	54	633	6%	3%
51.0713	Medical Insurance Coding Specialist/Coder	8	214	1%	1%
51.0799	Health and Medical Administrative Services, Other	.	411	.	2%
51.0801	Medical/Clinical Assistant	67	86	7%	0%
51.0803	Occupational Therapist Assistant	.	8	.	0%
51.0805	Pharmacy Technician/Assistant	2	35	0%	0%
51.0806	Physical Therapy Assistant	.	25	.	0%
51.0902	Electrocardiograph Technology/Technician	47	9	5%	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	200	.	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	11	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	16	.	0%
51.0909	Surgical Technology/Technologist	.	25	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	13	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	20	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	546	.	2%
51.1004	Clinical/Medical Laboratory Technician	.	16	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	65	23	7%	0%
51.1012	Sterile Processing Technology/Technician	.	102	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	16	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	115	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	9	115	1%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	17	.	0%
51.2006	Clinical and Industrial Drug Development	.	11	.	0%
51.2010	Pharmaceutical Sciences	.	16	.	0%
51.2603	Medication Aide	.	628	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	26	.	0%
51.3801	Registered Nursing/Registered Nurse	5	200	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	.	47	.	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	41	586	4%	2%
51.9999	Health Professions and Related Clinical Sciences, Other	.	920	.	4%
52.0203	Logistics, Materials, and Supply Chain Management	4	174	0%	1%
52.0211	Project Management	.	637	.	3%
52.0499	Business Operations Support and Secretarial Services, Other	.	523	.	2%
52.0901	Hospitality Administration/Management, General	.	374	.	2%
52.1001	Human Resources Management/Personnel Administration, General	10	252	1%	1%

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

college=Virginia Western

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	66	.	0%
11.0101	Computer and Information Sciences, General		19	205	7%	1%
11.0102	Artificial Intelligence		.	109	.	0%
11.0103	Information Technology		.	192	.	1%
11.0202	Computer Programming, Specific Applications		.	128	.	0%
11.0501	Computer Systems Analysis/Analyst		.	132	.	0%
11.0701	Computer Science		1	200	0%	1%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		2	40	1%	0%
11.0901	Computer Systems Networking and Telecommunications		.	170	.	1%
11.0902	Cloud Computing		.	179	.	1%
11.1001	Network and System Administration/Administrator		.	75	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		2	163	1%	1%
11.1005	Information Technology Project Management		.	176	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	205	.	1%
12.0500	Cooking and Related Culinary Arts, General		12	583	4%	2%
13.0101	Education, General		.	493	.	2%
13.1205	Secondary Education and Teaching		.	96	.	0%
13.1210	Early Childhood Education and Teaching		.	605	.	2%
13.1501	Teacher Assistant/Aide		.	200	.	1%
14.0101	Engineering, General		9	116	3%	0%
15.0000	Engineering Technologies/Technicians, General		.	60	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	94	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	52	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		17	108	6%	0%
15.0405	Robotics Technology/Technician		.	122	.	0%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	353	.	1%
15.0612	Industrial Technology/Technician		1	29	0%	0%
15.0613	Manufacturing Engineering Technology/Technician		11	932	4%	3%
15.0699	Industrial Production Technologies/Technicians, Other		.	18	.	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	3	.	0%
15.0901	Mining Technology/Technician		.	11	.	0%
15.1001	Construction Engineering Technology/Technician		.	179	.	1%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		2	19	1%	0%
15.1401	Nuclear Engineering Technology/Technician		.	0	.	0%
15.1701	Energy Systems Technology/Technician		.	206	.	1%
19.0707	Family and Community Services		.	99	.	0%
19.0709	Child Care Provider/Assistant		9	415	3%	1%
22.0302	Legal Assistant/Paralegal		.	94	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	2,443	.	9%
30.0101	Biological and Physical Sciences		.	295	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	66	.	0%
43.0102	Corrections		.	44	.	0%
43.0103	Criminal Justice/Law Enforcement Administration		3	301	1%	1%
43.0104	Criminal Justice/Safety Studies		.	416	.	1%
43.0203	Fire Science/Fire-fighting		.	53	.	0%
43.0303	Critical Infrastructure Protection		.	60	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	232	.	1%
43.0406	Forensic Science and Technology		.	54	.	0%
46.0000	Construction Trades, General		7	1,231	2%	4%
46.0101	Mason/Masonry		.	105	.	0%
46.0201	Carpentry/Carpenter		.	234	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		.	308	.	1%
46.0302	Electrician		7	252	2%	1%
46.0401	Building/Property Maintenance		.	1,015	.	4%
46.0403	Building/Home/Construction Inspection/Inspector		.	19	.	0%
46.0412	Building/Construction Site Management/Manager		.	140	.	0%
46.0503	Plumbing Technology/Plumber		.	277	.	1%

46.9999	Construction Trades, Other	.	1,231	.	4%
47.0000	Mechanics and Repairers, General	.	20	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	242	.	1%
47.0105	Industrial Electronics Technology/Technician	.	261	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	9	511	3%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	1	372	0%	1%
47.0603	Autobody/Collision and Repair Technology/Technician	.	315	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	.	163	.	1%
47.0605	Diesel Mechanics Technology/Technician	.	127	.	0%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	135	.	0%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	11	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	20	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	90	.	0%
48.0000	Precision Production Trades, General	.	37	.	0%
48.0508	Welding Technology/Welder	8	245	3%	1%
48.0599	Precision Metal Working, Other	2	1	1%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	320	.	1%
49.0206	Mobil Crane Operator/Operation	.	45	.	0%
49.0207	Flagging and Traffic Control	.	21	.	0%
51.0601	Dental Assisting/Assistant	.	46	.	0%
51.0602	Dental Hygiene/Hygienist	12	10	4%	0%
51.0707	Health Information/Medical Records Technology/Technician	9	201	3%	1%
51.0708	Medical Transcription/Transcriptionist	.	144	.	1%
51.0710	Medical Office Assistant/Specialist	19	767	7%	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	290	.	1%
51.0799	Health and Medical Administrative Services, Other	4	511	1%	2%
51.0801	Medical/Clinical Assistant	28	94	10%	0%
51.0803	Occupational Therapist Assistant	.	11	.	0%
51.0805	Pharmacy Technician/Assistant	1	63	0%	0%
51.0806	Physical Therapy Assistant	10	35	3%	0%
51.0902	Electrocardiograph Technology/Technician	.	18	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	3	181	1%	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	6	28	2%	0%
51.0908	Respiratory Care Therapy/Therapist	.	28	.	0%
51.0909	Surgical Technology/Technologist	6	51	2%	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	26	.	0%
51.0911	Radiologic Technology/Science - Radiographer	16	44	6%	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	.	1,048	.	4%
51.1004	Clinical/Medical Laboratory Technician	17	44	6%	0%
51.1009	Phlebotomy Technician/Phlebotomist	.	69	.	0%
51.1012	Sterile Processing Technology/Technician	.	129	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	44	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	140	.	0%
51.1599	Mental and Social Health Services and Allied Professions, Other	14	140	5%	0%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	9	.	0%
51.2006	Clinical and Industrial Drug Development	.	16	.	0%
51.2010	Pharmaceutical Sciences	.	23	.	0%
51.2603	Medication Aide	.	914	.	3%
51.3501	Massage Therapy/Therapeutic Massage	.	19	.	0%
51.3801	Registered Nursing/Registered Nurse	16	474	6%	2%
51.3901	Licensed Practical/Vocational Nurse Training	4	87	1%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.	889	.	3%
51.9999	Health Professions and Related Clinical Sciences, Other	.	1,365	.	5%
52.0203	Logistics, Materials, and Supply Chain Management	.	121	.	0%
52.0211	Project Management	.	613	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	2	637	1%	2%
52.0901	Hospitality Administration/Management, General	.	319	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	250	.	1%

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

college=Wytheville

			# Completions	# Annual Openings	% Completions	% Annual Openings
CIP	Description					
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		.	13	.	0%
11.0101	Computer and Information Sciences, General		10	36	3%	0%
11.0102	Artificial Intelligence		.	19	.	0%
11.0103	Information Technology		.	35	.	0%
11.0202	Computer Programming, Specific Applications		.	21	.	0%
11.0501	Computer Systems Analysis/Analyst		.	22	.	0%
11.0701	Computer Science		.	35	.	0%
11.0801	Web Page, Digital/Multimedia and Information Resources Design		.	9	.	0%
11.0901	Computer Systems Networking and Telecommunications		.	27	.	0%
11.0902	Cloud Computing		.	24	.	0%
11.1001	Network and System Administration/Administrator		.	14	.	0%
11.1003	Computer and Information Systems Security/Auditing/Information Assurance		.	26	.	0%
11.1005	Information Technology Project Management		.	41	.	1%
11.9999	Computer and Information Sciences and Support Services, Other		.	36	.	0%
12.0500	Cooking and Related Culinary Arts, General		.	175	.	2%
13.0101	Education, General		.	139	.	2%
13.1205	Secondary Education and Teaching		.	32	.	0%
13.1210	Early Childhood Education and Teaching		.	149	.	2%
13.1501	Teacher Assistant/Aide		.	64	.	1%
14.0101	Engineering, General		.	27	.	0%
15.0000	Engineering Technologies/Technicians, General		.	12	.	0%
15.0101	Architectural Engineering Technologies/Technicians		.	15	.	0%
15.0201	Civil Engineering Technologies/Technicians		.	8	.	0%
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician		9	29	3%	0%
15.0405	Robotics Technology/Technician		.	39	.	1%
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician		.	0	.	0%
15.0599	Environmental Control Technologies/Technicians, Other		.	78	.	1%
15.0612	Industrial Technology/Technician		9	7	3%	0%
15.0613	Manufacturing Engineering Technology/Technician		.	276	.	4%
15.0699	Industrial Production Technologies/Technicians, Other		9	6	3%	0%
15.0899	Mechanical Engineering Related Technologies/Technicians, Other		.	0	.	0%
15.0901	Mining Technology/Technician		.	8	.	0%
15.1001	Construction Engineering Technology/Technician		.	33	.	0%
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		.	4	.	0%
15.1401	Nuclear Engineering Technology/Technician		.	0	.	0%
15.1701	Energy Systems Technology/Technician		23	44	7%	1%
19.0707	Family and Community Services		.	36	.	0%
19.0709	Child Care Provider/Assistant		.	106	.	1%
22.0302	Legal Assistant/Paralegal		.	17	.	0%
24.0101	Liberal Arts and Sciences/Liberal Studies		.	552	.	7%
30.0101	Biological and Physical Sciences		.	66	.	1%
41.0101	Biology/Biotechnology Technology/Technician		.	10	.	0%
43.0102	Corrections		1	91	0%	1%
43.0103	Criminal Justice/Law Enforcement Administration		10	95	3%	1%
43.0104	Criminal Justice/Safety Studies		.	203	.	3%
43.0203	Fire Science/Fire-fighting		.	15	.	0%
43.0303	Critical Infrastructure Protection		.	23	.	0%
43.0403	Cyber/Computer Forensics and Counterterrorism		.	53	.	1%
43.0406	Forensic Science and Technology		.	11	.	0%
46.0000	Construction Trades, General		32	327	10%	4%
46.0101	Mason/Masonry		.	17	.	0%
46.0201	Carpentry/Carpenter		.	79	.	1%
46.0301	Electrical and Power Transmission Installation/Installer, General		14	50	4%	1%
46.0302	Electrician		27	44	9%	1%
46.0401	Building/Property Maintenance		.	253	.	3%
46.0403	Building/Home/Construction Inspection/Inspector		.	5	.	0%
46.0412	Building/Construction Site Management/Manager		.	24	.	0%
46.0503	Plumbing Technology/Plumber		.	73	.	1%
46.9999	Construction Trades, Other		.	327	.	4%

47.0000	Mechanics and Repairers, General	.	5	.	0%
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General	.	81	.	1%
47.0105	Industrial Electronics Technology/Technician	.	85	.	1%
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	4	116	1%	2%
47.0303	Industrial Mechanics and Maintenance Technology/Technician	10	123	3%	2%
47.0603	Autobody/Collision and Repair Technology/Technician	.	102	.	1%
47.0604	Automobile/Automotive Mechanics Technology/Technician	22	41	7%	1%
47.0605	Diesel Mechanics Technology/Technician	3	39	1%	1%
47.0606	Small Engine Mechanics and Repair Technology/Technician	.	53	.	1%
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	.	5	.	0%
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	.	14	.	0%
47.0703	Solar Energy System Installation and Repair Technology/Technician	.	20	.	0%
48.0000	Precision Production Trades, General	10	16	3%	0%
48.0508	Welding Technology/Welder	70	92	22%	1%
48.0599	Precision Metal Working, Other	17	0	5%	0%
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	.	103	.	1%
49.0206	Mobil Crane Operator/Operation	.	14	.	0%
49.0207	Flagging and Traffic Control	.	16	.	0%
51.0601	Dental Assisting/Assistant	.	10	.	0%
51.0602	Dental Hygiene/Hygienist	1	3	0%	0%
51.0707	Health Information/Medical Records Technology/Technician	5	38	2%	1%
51.0708	Medical Transcription/Transcriptionist	.	28	.	0%
51.0710	Medical Office Assistant/Specialist	.	202	.	3%
51.0713	Medical Insurance Coding Specialist/Coder	.	58	.	1%
51.0799	Health and Medical Administrative Services, Other	1	113	0%	2%
51.0801	Medical/Clinical Assistant	.	21	.	0%
51.0803	Occupational Therapist Assistant	.	5	.	0%
51.0805	Pharmacy Technician/Assistant	.	14	.	0%
51.0806	Physical Therapy Assistant	3	15	1%	0%
51.0902	Electrocardiograph Technology/Technician	.	2	.	0%
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	.	44	.	1%
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	.	3	.	0%
51.0908	Respiratory Care Therapy/Therapist	.	4	.	0%
51.0909	Surgical Technology/Technologist	.	4	.	0%
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	.	3	.	0%
51.0911	Radiologic Technology/Science - Radiographer	.	5	.	0%
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	7	171	2%	2%
51.1004	Clinical/Medical Laboratory Technician	.	4	.	0%
51.1009	Phlebotomy Technician/Phlebotomist	.	6	.	0%
51.1012	Sterile Processing Technology/Technician	.	23	.	0%
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other	.	4	.	0%
51.1501	Substance Abuse/Addiction Counseling	.	45	.	1%
51.1599	Mental and Social Health Services and Allied Professions, Other	.	45	.	1%
51.1801	Opticianry/Ophthalmic Dispensing Optician	.	7	.	0%
51.2006	Clinical and Industrial Drug Development	.	3	.	0%
51.2010	Pharmaceutical Sciences	.	3	.	0%
51.2603	Medication Aide	.	307	.	4%
51.3501	Massage Therapy/Therapeutic Massage	.	3	.	0%
51.3801	Registered Nursing/Registered Nurse	4	58	1%	1%
51.3901	Licensed Practical/Vocational Nurse Training	13	32	4%	0%
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	.	301	.	4%
51.9999	Health Professions and Related Clinical Sciences, Other	.	389	.	5%
52.0203	Logistics, Materials, and Supply Chain Management	.	39	.	1%
52.0211	Project Management	.	143	.	2%
52.0499	Business Operations Support and Secretarial Services, Other	1	174	0%	2%
52.0901	Hospitality Administration/Management, General	.	86	.	1%
52.1001	Human Resources Management/Personnel Administration, General	.	64	.	1%