Workforce Development Services VIRGINIA COMMUNITY COLLEGE SYSTEM

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ANNUAL REPORT

FISCAL YEAR 2003-2004

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From the Vice Chancellor



Virginia Community College System's impact on workforce development during the 2003-2004 fiscal year. Its mission to prepare a well-trained workforce is steeped in a tradition of service to communities, to employers and to the employed, underemployed and unemployed.

This annual report illustrates the

The tradition of service underscored the ability of the system's

23 colleges to collectively assist with more than 12,000 community and economic development activities and to contribute more than 34,694 staff hours of service to Workforce Investment Boards and One Stop Centers.

As a strong link in the Commonwealth's workforce development system, the colleges provided customized employee training and services for 769 employers and enabled individuals to complete 80,597 non-credit courses and 35,691 customized credit courses to gain the skills, certifications and licenses needed for successful employment. Of these, about 20,000 participated in distance education courses. The colleges also comprise one of the strongest ACT WorkKeys systems in the nation, having conducted more than 24,293 WorkKeys assessments and 80 WorkKeys Job Profiles.

Colleges used Tech Prep, Post-Secondary Perkins, Middle College and Apprenticeship Related Instruction to create career pathway programs based on access, employer-driven training, and career development. More than 2,000 employers participated in these initiatives. The Institutes of Excellence began collaborating with the Virginia Economic Development Partnership on a statewide industry, occupation and skills cluster analysis which will be completed in 2005. The analysis will be used to more closely align education and economic development.

As you review the annual report, take a moment to picture the people served by workforce development services. They most likely include you or your neighbors, co-workers, family, friends and employer. Each person served represents the economic health of the Commonwealth.

Rose Harrell Johnson Vice Chancellor Workforce Development Services

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CODE of VIRGINIA § 23-215.

B. The Virginia Community College System shall be the state agency with primary responsibility for coordinating workforce training at the postsecondary to the associate degree level, exclusive of the career and technical education programs provided through and administered by the public school system. This responsibility shall not preclude other agencies from also providing such services as appropriate, but these activities shall be coordinated with the community colleges.

C. In addition to other responsibilities of the Virginia Community College System, the community colleges shall (i) maximize noncredit course offerings made available to business and industry at a time and place that meet current and projected workforce needs and minimize the cost of noncredit offerings to business and industry to the extent feasible, (ii) deal directly with employers in designing and offering courses to meet real, current, and projected workforce training needs, and (iii) maximize the availability and use of distance learning courses addressing workforce training needs. The Virginia Community College System shall report on actions taken to meet the requirements of this subsection in its annual report to the General Assembly on workforce development activities required by the appropriation act.

Workforce Development Service Regions

NORTHERN REGION

- LF Lord Fairfax
- GM Germanna
- NV Northern Virginia



SOUTHSIDE REGION

- DV Danville
- SS Southside Virginia
- PH Patrick Henry

HAMPTON ROADS REGION

- PDC Paul D. Camp
- T Tidewater
- TN Thomas Nelson
- ES Eastern Shore

Virginia's Community Colleges

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WDS Programs

Apprenticeship Related Instruction

A registered apprentice is required to complete a recommended minimum of 144 hours of related instruction and a minimum of 2000 hours of supervised work experience in a specific trade and for each year of apprenticeship. Instruction is based on the specific trade areas and is developed in cooperation with industry leaders and the Virginia Department of Labor and Industry.

Customized Credit Instruction

Colleges customize instruction to meet the schedule, location, and delivery methodology requirements of employers so that employees can acquire needed job skills and earn academic credit.

Contract Training and Services

Workforce training and services delivered to address specific employee training and development needs of a given company.

Distance Education

Video conferencing, web-based, and other instructional methods used to ensure instructional flexibility.

Institutes of Excellence

The Institutes create state and national level programs and initiatives that enhance employee pipelines for high demand Commonwealth occupations and serve as a catalyst to align them with primary and emerging industry clusters.

Middle College

Middle College is an education recovery program for high school dropouts between the ages of 18-24 who are interested in attaining a college degree while improving their employability skills and acquiring a GED. Middle College was piloted in 2003 at J. Sargeant Reynolds and Southside Virginia Community Colleges and expanded to three additional colleges in 2004.

Non-Credit Instruction and Services

Non-credit instruction and services provide prospective and incumbent employees the opportunity to acquire the knowledge and skills needed for specific occupations, certifications, and licenses without enrolling in an academic program of study. The Continuing Education Unit (CEU) is the nationally recognized designation for professional non-credit instruction. Ten hours of non-credit instruction equals one CEU.

Post-Secondary Perkins

The intent of the Carl D. Perkins Act of 1998 (also known as Perkins III), is to ensure continuous improvement of career and technical education programs at both secondary and post-secondary levels so that students graduate with advanced technical skills. The VCCS administers post-secondary Perkins through its 23 colleges.

Tech Prep

Tech Prep enrolls high school students in career and technical programs and helps them transition to college and work with core academic and technical skills, a career plan, college credit, work-based experiences, and employability skills. There are 23 Tech Prep consortia in the Commonwealth, each of which includes a community college and its partnering school divisions.

Workforce Development Training Centers

Specialized facilities created and managed by community colleges in collaboration with their communities to function as regional workforce training centers responsive to employment needs.

Workforce Investment Act (WIA)

Calls for the creation of a state-wide, comprehensive workforce development system, the creation of the Virginia Workforce Council (VWC), regional Workforce Investment Boards (WIBs) and One Stop Centers. Community colleges work closely with WIA entities and activities. Page 3 Trims at 8 3/4"

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2003-2004 State Appropriations and Impact

\$846.900

Apprenticeship Related Instruction

Apprenticeship Related Instruction was offered by 16 service regions:

- 7,747 apprentices enrolled
- 1,964 unduplicated employer sponsors
- 1,407 apprentices completed their related instruction component
- 16 Apprentice Related Instruction Coordinators served all areas of the Commonwealth

Institutes of Excellence

The Institutes of Excellence prepared the workforce for current, high demand occupations in such fields as geospatial information systems, biotechnology, advanced manufacturing, electronics, information technology (IT), construction trades, and computer aided design:

- Helped the Virginia Biotechnology Association conduct a survey of the emerging biotech industry.
- Used a NSF grant to develop IT career pathway articulation agreements between secondary and post-secondary education (three in place between Radford University and five Community Colleges)
- Supported advanced manufacturing and information technology career exploration activities for high school students at ten community colleges
- Created new curriculum programs and trained faculty to provide instruction in high demand IT certifications such as Microsoft, Red Hat (curriculum for Linux), CompTIA, Cisco, **Oracle and Certiport**
- > Held a Working Connections Conference sponsored by the American Association of Community Colleges, Microsoft Corporation and the National Center for Emerging Technologies that trained faculty from over 75% of the VCCS colleges
- Provided professional development activities for IT and CADD faculty
- Provided Certified Internet Webmaster certification training for 19 community college IST faculty and four secondary teachers
- Identified the high demand construction trades occupations
- Created a construction trades portal
- Assisted with development of construction trades instructional programs

\$884,387 **Non-Credit Instruction and Services**

Funding is provided for one staff position at each college and for non-credit instruction. Collectively, the 23 colleges provided the following workforce training and services:

Non-Credit Course Completions Customized Credit Course Completions *	80,597 35,691
Total Course Completions	116,288
Of Total Course Completions,	10.010
Number for Industry Certification:	13, 848
WIA Training Vouchers Used to	
Pay for Training	1,710
Enrollment in Courses - Distance Education	19,555
Employers Served with Customized	
Services and Training	769
Individual WorkKeys Assessments	24, 293
WorkKeys Job Profiles Completed	80
Community and Economic	
Development Activities	12,157
Staff Hours Devoted to WIB or VWC	34,694
Certified One-Stop Center on Campus	6

*Credit instruction is offered as a value-added service to business and industry, but is not included in the non-credit funding allocation.

Workforce Development Training Centers

\$508,140

\$1,100,970

Four workforce development training centers received state funding with a 25% match from their individual communities.

Virginia Peninsula Workforce Development Center Thomas Nelson Community College

Regional Center for Applied Technology Training Danville Community College

Regional Workforce Development Center Paul D. Camp Community College

Central Virginia Manufacturing Technical Training Center Central Virginia Community College.

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Collectively, the four workforce training centers provided the following training and services:

Non-Credit Course Completions	12,538
Credit Course Completions	7,015
Total Course Completions	19, 553
Of Total Course Completions,	
Number for Industry Certification	5,278
WIA Training Vouchers Used to	
Pay for Training	298
Enrollment in Courses - Distance Education	9,547
Employers Served with Customized	
Services and Training	191
Individual WorkKeys Assessments Conducted	15,166
WorkKeys Profiles Completed	35
Community and Economic	
Development Activities	1,310
Staff Hours Devoted to WIB or VWC	6,966
Certified One-Stop Center on Campus	3

OTHER FUNDING

Middle College (Statewide WIA Funds)

A Governor's Initiative that piloted a Middle College at

J. Sargeant Reynolds Community College and one at Southside Community College enrolled high school drop outs in a college recovery program:

- Developed replicable program model
- > 276 applicants
- 73 accepted participants
- 34 received GED; 17 additional students in final stages of preparing for GED
- 37 secured employment or received promotions
- > 19 received the Career Readiness Certificate
- Second year enrollment (2004) will increase 100 percent
- Middle College expansion to Germanna, Danville and New River community colleges

Post Secondary Perkins

The technical and career skills of more than 11,000 community college students enrolled in Occupation and Technical programs were enhanced by:

- > Increasing the number of technical math and writing courses
- Certifying faculty and students in high-demand industry certifications
- Providing certified academic tutors
- Upgrading equipment for students with special needs
- > Training counselors in career planning and advising
- Expanding dual credit and articulation agreements
- Upgrading equipment and software utilized in technical programs
- Expanding web-based and distance education courses
- Increasing the number of science fairs, career fairs and other activities linked to high growth career fields
- Expanding allied health and engineering technology programs

Tech-Prep

\$360,000

Colleges worked with their local consortium comprised of secondary and post-secondary education, business and industry representatives to create, enhance, and promote career pathways for the emerging workforce:

- 27 Career Camps introduced 1,579 middle and high school students to such fields as biotechnology, information technology, health and medical sciences
- Conducted 23 career counseling and planning initiatives for 22,217 students
- Provided 22 career education activities such as job shadowing and career fairs for 16,879 high school and college students
- Sponsored service learning, internships and cooperative education for 16,000 high school and community college students
- Created 13 new career and technical education programs
- > Developed five new distance learning dual-enrollment courses
- Upgraded equipment and software for 16 school divisions and community colleges
- Provided 178 professional development activities for 5,861 secondary and post-secondary instructors
- Sponsored 142 different professional development activities for 2,082 high school and college counselors and advisors

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\$3,402,614.42

\$2,290935

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HAMPTON ROADS REGION Sample List of Employers Served

18th Army Field Hospital Accomack County Schools Aepco Amerigroup AMSEC **Beth Shalom** Blue Crab Bay Co. Broadspire Bronco Federal Credit Union Century Concrete Chesapeake Dept. of Social Services Chesapeake General Hospital City of Franklin City of Suffolk **Coastal Vocational Colonial Williamsburg Foundation** Colonnaís Shipvard Corrosion Engineering Services Corvel Corporation Crawford & Co. Davis Boat Works Dept. of Labor Dept. of Workmanis Compensation Earl Industries/Moon Engineering Empowerment 2010 Fleet Family Fort Eustis Child Care Center Franklin Public Schools G C Services G. G. Sharp Giant Yorktown Refinery Greater Peninsula Workforce Development Consortium Hampton City Public Schools Hanover County Schools

Hercules I.P., CIC Plant Information Support Systems International Paper, Roll Finishing James City County Job Zone Lvon Shipvard Metro Machine Mobil Mart Money Mailer Murphy Brown NASA - Train/Trainer National Linen Naval Air Systems Command Training Support Division Naval Engineering Logistics Office Naval Facilities Engineering Command Naval Public Works Center Naval Security Group Activity Northwest Naval Weapons Station - NOSTRA Navy SES NCO Financial Nevamar Newport News Finance Department Newport News Public Works NGNN Newport News Public Library Norfolk Dept. of Social Services Norfolk Dredging Norfolk Public Schools Norshipco Northrop Grumman Opportunity, Inc. Perdue Farms Portfolio Recovery Associates

Portsmouth Dept. of Social Services **Purewater Technologies** Quality Marine S.W. Rawls Sara Lee Seal Delivery Team Two Sentara Healthcare Smithfield Packing Southampton Correctional Center Stihl, Inc. Suffolk Public Schools SunTrust Susan Boahche & Associates TDS, Inc Teambuilding Training Tech Prep Technico The ARC TNCC USDA ñ Eastern Shore Soil and Water Utica Insurance VA Dept. of Labor and Industry VA Dept. of Transportation VA Peninsula Chamber of Commerce VA School for the Deaf, Blind and Multi-disabled VCCS Veteran's Admin. Medical Center Virginia Department of Transportation Virginia Retirement System Volvo Penta WJCC & York Schools York County

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VCCS WDS Hampton Roads Region

NUMBERS SERVED THROUGH WORKFORCE DEVELOPMENT SERVICES:

Total Number of Students Served: 27,860

Total Number of Business and Industries Served: 256

Total Number of Economic and Community Development Activities: 2,534

Project Highlights

Eastern Shore Community College

Developed a 20 hour Advanced Contractors' class in cooperation with the Virginia Department of Professional and Occupational Regulations for building trades professionals who wish to become effective business people and to be successful when taking the contractors A and/or B licensing tests.

Paul D. Camp Community College

A college employee certified as an ACT- WorkKeys Job Profiler traveled to the Netherlands to conduct three manufacturing job profiles for an international company undergoing expansion in the college's service region. The results of the profiles will be used to train company employees. ACT recognized this as "one of the first examples of WorkKeys being used in Europe."

Thomas Nelson Community College

TNCC earned USDOL/NAWB national model status for its traininghiring pipeline with Northrop Grumman Newport News, Siemens VDO and other firms, one-stop centers, Virginia Employment Commission (VEC), and Greater Peninsula Workforce Investment Board. More than 1,200 of 4,500 VEC applicants gained manufacture jobs, hiring time was cut by one-third, hiring costs were reduced by 23%, and company interview-hire ratio increased from 1/10 to 7/10.

Tidewater Community College

The college's Ship Repair Initiative completed a 3-year DOL Grant project that trained more than 300 incumbent shipyard employees in specialty courses and a certificate program. Graduates of the certificate program received an average salary increase of 9.3% and more than 45% of the graduates have enrolled in AAS degrees in Technical Studies.



COMMUNITY COLLEGES

- Eastern Shore
- Paul D. Camp
- Thomas Nelson
- Tidewater

Description of Region

Region Total Population: 1,648,267
High school graduates: 52% of total population
College graduates: 15% of total population
High school dropouts: 7% of total population
Median Household income: \$39,120.00



"Community colleges have become among the most popular public higher education institutions to provide technical

training and business education. Thomas Nelson Community College delivers the quality product and the necessary flexibility to meet our training requirements in a

timely and cost effective manner."

Robert P. Leber, Director, Education and Workforce Development, Northrop Grumman Newport News

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CENTRAL REGION Sample List of Employers Served

A & D Electric Company A.L. Gleeson Electrical Co Able Electrical Contractors Accutrol, Inc. Alkat Electrical Contractors, Inc. A-M Electric Company Atlantico Electrico Electric, Inc Austin Electric Co., Inc. Babcock & Wilcox Corp. **Bagby Electric of Virginia Bell Electric Controls and Service** Black-Box Blackwater Electrical Co., Inc. **Brown's Electical Service** Bulheller Electric Co., Inc. C.R. Gillev Electric **Caroline County Public Schools** Central Electrical Service Corp. **Charles City County Public Schools** Chesapeake Academy **Chesapeake Bank Chesterfield Fire Training** Chewning & Wilmer, Inc. **Citizens and Farmers Bank** CJW Medical Center Coe Electric, Inc. Coken Company, Inc. **Colonial Beach Public Schools Combustioneer Corporation** Commerical Electric, Inc. **Commonwealth Electrical Company Cornerstone Construction & Electric Cory-Nel Electical Service** Cox Brothers Electrical Service, Inc. **CPAC-** Amelia **D.L. Sykes Electric** Dallas Electical Co., Inc. Delaney Telecom, Inc. Dominion DTS Electric Dupont Dynalectric Co. E.G. Middleton, Inc. Educare Education for Independence ñ Rappahannock **Community College** Electical Repair Service, Inc.

ESG International, Inc. Essex County Public Schools Evets Electric, Inc. Filtrona Folkes Electical Construction Co. Four Rivers Education Consortium G.F. Casarotti, Inc. GGR Construction, Inc. **Gloucester County Administration Gloucester County Public Schools** Goodman's Speciality Services, Inc. Grant-Neil Electric, Inc. Grunau Company, Inc. Guild Electric, Inc. H.M.S. Electrical Contractor Headlev, Edward L. Imagine One Ltd. Infineon Instrumentation Control Systems Engineering Integrated Technologies, LLC Ivy S. Hill Electric JAG Electric Co. JATC John Randolph Hospital Johnson & Murphy Electrical Services JRJ Building Contractors, Inc. Kenndy Electrical, Inc. **KLA Laboratories** King and Queen County Public Schools King William County Public Schools L & W Enterprises, Inc. L. R. Smith Company Lancaster County Public Schools Lighthouse Electric Lowman Electrical Contractor, Inc. M. J. Electric, Inc. Mason Electrical Corp. Master Electrical Services, L.L.C. Mathews County Public Schools MCI Electric Company, Inc. MECO Electric, Inc. Miller Electric New Kent County Public Schools **New River Electrical Corporation** Northern Neck Insurance Northern Neck Technical Center Northside Electric Company

Northumberland County Public Schools Olde Towne Electric, LTD Performance Electric Philip Morris USA Plateau Electrical Cons. Poly-Tron Controls, Inc. Potomac Testing, Inc. Power Solutions, L.L.C. Powertec, Inc. Premier Electric Company, Inc. **Primary Service Corporation Providence Electrical Corporation** Quality Lighting Protection, Inc. R. S. Harritan R. W. McGhee, Jr. Inc. **R.E.G. Electrical Construction Richmond County Public Schools** Richmond Electrical Services, Inc. Ridley Electric Company, Inc. Riggs-Distler & Company, Inc. **Riverside School** Scriba Electrical Contractors, Inc. Sherwin Electric Company, Inc. Slosjarik Electrical Service, Inc. South Central Electric Southern Electrical Corporation Southern Power & Lighting Corporation Stationary Power Services, Inc. Stratford Hall Plantation Surry County Public Schools Sussex County Public Schools Sussex Head Start Tate & Hill, Inc. Three Rivers Health District Truland Systems, Inc. Urbanna Lumber Company USDA Farm Service Agency **USDA Natural Resources Conservation Service** Virginia Department of Transportation West Point Public Schools West Star Electrical Contractors, Inc. Westmoreland County Public Schools Winfree Baptist Church York River Electric, Inc.

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VCCS WDS Central Region

NUMBERS SERVED THROUGH WORKFORCE DEVELOPMENT SERVICES:

Total Number of Students Served: 13,150

Total Number of Business and Industries Served: 122

Total Number of Economic and Community Development Activities: 381

Project Highlights

J. Sargeant Reynolds Community College John Tyler Community College

The Community College Workforce Alliance (CCWA), a workforce development partnership of the two colleges, supported the DuPont Zytel plant expansion by training 20 new polymer specialists. Some of the training was conducted on-site by DuPont technicians; some was conducted by the college on the college campus. Plant-specific applications were highlighted throughout instruction and a capstone project ensured integrated learning.

Rappahannock Community College

A group of industry leaders helped the college develop the Atlantic Boat and Yacht Trades School (ABYTS), a "first of its kind" program for marine trades in the Northern Neck/Middle Peninsula and beyond. The program supplies marine-related employers with a highly skilled workforce.

"Middle College transformed my life. It was just the action I needed to take to begin reaching my career goals. By getting my GED and entering J. Sargeant Reynolds Community College, I now look forward to a fulfilling career as a teacher."

Sherika Chew

One of the first Middle Colleges was started at the J. Sargeant Reynolds Community College Downtown Campus in 2003.



COMMUNITY COLLEGES

- John Tyler
- J Sargeant Reynolds
- Rappahannock

Description of Region

Total Population: 1,202,712
High school graduates: 54% of total population
College graduates: 18% of total population
High school dropouts: 8% of total population
Median Household income: \$43,306.00



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NORTHERN REGION Sample List of Employers Served

Atlantic Builders 911 Airport Worker Resource Center Airbus Industries, USA Alexandria Dept of Rehabilitation Services Alexandria Job Link American Registry for Internet Numbers Company (ARINC) Arlington County Fire Department Arlington Dioceses of the Catholic Church Arlington Employment Center Bagby, Caldwell & Associates **Berryville Graphics** Cairo Systems City of Alexandria Fire and EMS City of Winchester **Coffeewood Correctional Center Coldwell Banker** College Board (NVCC) Computer Sciences Corp. **Culpeper Economic Development Culpeper Regional Hospital Culpeper Schools** DA Foster Company Department of Labor and Industry Dept. of Public Works - Winchester **DisAbility Resource Center** Dupont **Fairfax Family Practice** Falls Church VA SkillSource Center Fauguier County Public Schools Fauguier Hospital FBI, Quantico First Bank Fisher Diagnostic Fort A. P. Hill Frederick County Public Schools Fredericksburg City Schools Friendship House Association General Dynamics-Network Systems, Inc. Germanna Community College Staff **Professional Development Board** H.P. Hood HITT Construction, Inc. **ICTS** Teachout

Kaiser Permanente Kraft **KT** Enterprises Lockheed Martin Company Lord Fairfax Community College Lutheran Social Service Madison County Schools Melnor MIC Industries Monroe Technical Center National Association of Retired Federal Workers National Wildlife Federation Nationwide Insurance Northern Virginia Community College Northern Virginia Youth Services **Orange County Schools** Perry Judd Prince William County Government Prince William County Schools Prince William Criminal Justice Academy Quadramed Rappahannock Area Health District Rappahannock Juvenile Center **Reston Hospital Center Rich's Products** SAIC Saudi Arabia Embassy Service Source, Inc. Shenandoah County Schools Shenandoah Fiberglass Shenandoah Memorial Hospital Shenandoah University Shirley Construction, Inc. Simmons Manufacturing Sino Swearingen Skill Source Smith Midland Corporation Social Security Administration Society of Human Resource managers Southeastern Container St. Leo the Great School Stafford County Administrator's Office Stafford County Public Schools

STR, LLC Susquehanna Technologies **TD** Industries The Norwood School Town of Warrenton US Army Prime Power Production School USMC Manpower Division USMC School of Advanced Warfighting Verizon Corporation Vienna Presbyterian Church Virginia Community College System Virginia Dominion Power Wakefield School Warren County Public Schools Wegemans Westminister Canterbury World Wide Automotive Yount Hyde and Barbour



"Prince William County's extraordinary economic development success is a testament to the strong partnership we enjoy with the community college

system. Our NVCC partners provide creative, effective and essential support to the business community at each phase of corporate analysis and expansion, and often respond to our client's needs on a moment's notice."

Martin Briley, Executive Director, Prince William County Economic Development Authority

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VCCS WDS Northern Region

NUMBERS SERVED THROUGH WORKFORCE DEVELOPMENT SERVICES:

Total Number of Students Served: 28,484

Total Number of Business and Industries Served: 282

Total Number of Economic and Community Development Activities: 4,778

Project Highlights

Germanna Community College

The Center for Workforce and Community Education developed an 11 module certificate program in Visual and Decorative Design which provides successful completers with the skills for entry-level employment in furniture stores, home

design centers, and specialty stores. Since its inception, more than 50 people have enrolled in the series.

Lord Fairfax Community College

Where will the workforce of tomorrow come from? LFCC explores a paradigm shift with employers through a customized "Love 'em or Lose 'em" course based on a book written by Beverly Kaye. The course helps employers identify their retention and productivity challenges and reasons that employees stay with their employer. They learn that highly engaged and productive employees equal increased efficiency per employee and less recruitment and retention efforts for employers.

Northern Virginia Community College

As part of its national defense focus, the college collaborated with the Transportation Security Administration to conduct selfdefense training for airline pilots and crew members. It also used Command Spanish, a nationally registered program designed to enable English-speaking persons to speak and understand Spanish, to provide law enforcement, EMT, firefighter and hospital personnel with occupational Spanish skills.



COMMUNITY COLLEGES

- Lord Fairfax
- Germanna
- Northern Virginia

Description of Region

Region Total Population: 2,376,308 High school graduates: 58% of total population College graduates: 29% of total population High school dropouts: 5% of total population Median Household income: \$53,129.00



"Fairfax County growth would never have happened without the strong community college system because in addition to the high-end engineers and scientists that technology businesses require, there is also

a strong demand for technical and support personnel. The community colleges provide the requisite support for the growth of our medical and biosciences, thereby contributing not only to business growth, but also to our quality of life."

Dr. Gerry Gordon, President and CEO of the Fairfax County Economic Development Authority

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WEST CENTRAL REGION Sample List of Employers Served

Albemarle County Alleghany County Altavista PLC American Hoffman AMG, Inc. AMTA Areva/Framatome **Atlantic Companies** Augusta Correctional Center Avance Auto **Badger Fire Protection** Bank America Barr Labs Belvac **Better Living** Blue Ridge Community College **Botetourt Schools** BWXT Central Virginia Industries Charlottesville Department of Social Services City of Charlottesville City of Lynchburg Commonwealth Center for Child & Adolescents **Dabney Lancaster Community College DANA** Corporation Delta Star Dept. of Labor Grant EnviroSafety Group FANP Fluvanna County Public Schools GAMMAPAR Georgia Pacific Glad Manufacturing Green County Department of Social Services Guaranty Bank Harrisonburg - Rockingham Convention & Visitors Center Harrisonburg Auto Auction **Highland County Schools INVISTA** Lanford Bros. Lexis-Nexis Litton Marine Systems Louisa Department of Social Services MACOM

MeadWestvaco Corporation Metalsa MicroAire Modine Manufacturing Company Moore's Electric Morningstar MusicToday.com MW Manufacturing National Ground Intelligence NSW, LLC Old Dominion Job Corp. **Owens Illinois** Pepsi Bottling Company **Piedmont Virginia Community College** Plow & Hearth Roanoke City Health Dept **Roanoke City Schools Roanoke Times Roanoke Valley Alleghany Regional Commission** Roanoke Valley Society of Human Resource Mgmt Rockingham Group **Rockingham Memorial Hospital Rosie Gant Construction Rotary Grant RR** Donnelley

Sam Moore Schrader Bridgeport SEI, Inc. Shenandoah Valley Tech Consortium Shenandoah Valley Workforce Investment Board Sleep Inn Smurfit Stone Container Spectacle Lens Group Sunnyside Communities Tarkett/Brookneal **Thomas Jefferson Foundation Tiger Fuel** Unifi, Inc. US Joiner, LLC USDA Valley Bank Virginia Department of Transportation Virginia Employment Commission Virginia Retirement System Virginia School for the Deaf & Blind Wegman, USA Wharton, Aldhizer, & Weaver Woolridge Heating & Air WorldStrides

Rustburg Correctional

Salem City Schools



"We have participated in the Apprenticeship Related Instruction program at CVCC since 1986. It allows us to train employees and meet the demands of our organization."

Patricia Woolbridge, Vice President of Woolbridge Heating and Air

"The Apprenticeship Program gives me

the opportunity for increased pay and

upward mobility."

Tim Arrington, HVAC Mechanic at Woolbridge Heating and Air

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VCCS WDS West Central Region

NUMBERS SERVED THROUGH WORKFORCE DEVELOPMENT SERVICES:

Total Number of Students Served: 20,303

Total Number of Business and Industries Served: 38

Total Number of Economic and Community Development Activities: 974

Project Highlights

Blue Ridge Community College

A non-credit High Performance Manufacturing program was launched in February 2003 in collaboration with the Shenandoah Valley Workforce Investment Board, the Blue Ridge Tech-Prep Consortium, and a group of local manufacturing employers. To date, 52 participants have completed the Specialist Certification and 40 have earned the Advanced Manufacturing Technologist certification. In a spring 2004 survey, employers cited that employees' participation in the program had increased morale, retention, and technical performance.

Central Virginia Community College:

The college received a three year, \$750,000 grant from the National Science Foundation (NSF) for "Nuclear Technologies Education: Priming the Pipeline." A consortium comprised of seven public school systems, the community college and other higher education institutions, and business and industry leaders will create a career pathway and a pipeline of students training to fill jobs in nuclear power and related technologies.

Dabney S. Lancaster Community College

The college provided K-12 teacher recertification courses for more than 132 current and aspiring teachers on such topics as analyzing SOL questions, word study skills, and using various technology applications. The courses were designed in collaboration with the local school systems.

Piedmont Virginia Community College

Nine PVCC Workforce Development students passed the national examination for certification as Certified Professional Coding Apprentices (CPCA).

Virgnia Western Community College

The college created a regional Emergency Medical Technician (EMT) program by bringing together the previously independent EMT programs of Roanoke City, Salem, Vinton, Roanoke County and Franklin County. This program is thought to be the only regional program of its kind in Virginia.



COMMUNITY COLLEGES

- Dabney S. Lancaster
- Blue Ridge
- Central Virginia
- Piedmont Virginia
- Virginia Western

Description of Region

Region Total Population: 1,044,999
High school graduates: 52% of total population
College graduates: 15% of total population
High school dropouts: 9% of total population
Median Household income: \$38,233.00

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SOUTHSIDE REGION Sample List of Employers Served

A New Beginning Aerial Machine & Tool Company Appomattox Manufacturing Company **Bassett Furniture Industries Bennett Mechanical Comprehension Test** Blackstone Manufacturing **BWX** Technologies City of Martinsville City of Danville **Clary Associates Columbia Flooring Columbia Forest Products** County of Franklin Century 21 CPAC D-SCAN Danville-Pittsylvania Chamber of Commerce **Danville Public Schools**

Danville Regional Medical Center Dimon, Inc. Essel Propack (2) **Fleetwood Homes** Goodyear Hooker Furniture Company Industrial Maintenance Assessments Institute for Advanced Learning and Research **Intertape Polymers** IVC Job Profiles Job Profiles **Knauss Snack Food Company** Martinsville/Henry County Chamber of Commerce Mecklenburg Leadership Memorial Hospital of Martinsville/Henry County MW Window Manufacturers

Construction site of Danville Community College's new Regional Center for Advanced Technology at the Danville Cyberpark. Projected occupancy -June 2005.

Nottoway Correctional Center Personnel O'Sullivan Industries Patrick County Chamber of Commerce **Patrick County Education Foundation** Patrick County Public Schools Patrick Henry Community College Piedmont Tech Prep Consortium Rex Roto Sherwood Foods Smurfit-Stone Container Southern Wiring Solutions Spring's Industries Stanley Furniture Company USDA Uttermost Virginia Bank and Trust Company

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VCCS WDS Southside Region

NUMBERS SERVED THROUGH WORKFORCE DEVELOPMENT SERVICES:

Total Number of Students Served: 13,431

Total Number of Business and Industries Served: 43

Total Number of Economic and Community Development Activities: 1,000



Israel Stephens, maintenance technician at Goodyear Tire and Rubber Company in Danville, ELE 195 Applicatons in Allen Bradley PLC (SLC 500).

"In partnership with Danville Community College, Goodyear Tire and Rubber Company has developed a maintenance technician co-op program to provide training for new maintenance technicians and to provide retraining for present craft technicians. The two-year training program includes classroom and lab instruction, computer based training, and structured on-the-job training. Because of the tremendous effort by the Danville Plant and Danville Community College, our program is now being used as a model at other Goodyear facilities in North America."

Darrell Finney, Plant Manager of Goodyear Tire and Rubber Company



- Danville
- Patrick Henry
- Southside Virginia

Description of Region

Region Total Population: 495,614 High school graduates: 46% of total population College graduates: 8% of total population High school dropouts: 14% Median Household income: \$30,374.00

Project Highlights

Danville Community College

The Workforce Services team collaborated with Columbia Flooring to develop a training program on leadership styles, principles of a collaborative workplace, coaching, problem solving, establishing work priorities, setting verifiable goals and other relevant topics. More than 30 employees from Columbia Flooring's Virginia and West Virginia plants have received training and additional classes are being planned.

Patrick Henry Community College

The Patrick County Education Foundation and Tek.Xam made it possible for the college to develop Tek.Advantage, a four-week computer skills certification program with modules on general computer concepts, word processing, spreadsheets and internet concepts. The learner must pass a certification exam at the end of each module. More than 160 adult learners have been certified in the Tek.Advantage basic computer skills program since its inception in June of 2003.

Southside Virginia Community College

In September 2003, the college opened a Pre-Engineering Academy at the Amelia/Nottoway Career and Technical Center to prepare students to transfer into a baccalaureate degree program in engineering fields such as mechanical, civil, chemical, aeronautical and naval architecture/marine engineering. The Tobacco Commission and Nottoway County assisted with the cost of refurbishing and equipping labs. The Amelia, Buckingham, Charlotte, Cumberland, Nottoway and Prince Edward school districts participate in the academy.

SOUTHWEST REGION Sample List of Employers Served

Mill Branch Mining A & G Coal ABB AEP AFG Glass Alcoa Wheels International Alpha Natural Resources, LLC American Electric Power Appalachian Agency for Senior Citizens **Appalachian Technical Services** ARCHS Ardaisa Asbury Center AWHONN Bank of Marion Bank of Tazewell County **Blevins Company** Breakthru Construction **Bristol Compressors Buchanan Pump Business Information Systems Carroll County Public Schools** Carter Machinery **Civic Development Group Clinch River Health Services Clinch Valley Community Action** Clinch Valley Physicians, Inc. **Coastal Coal Columbus McKinnon Commonwealth Catholic Charities CONSOL** Coal CSE Financial Services, Inc. **Cumberland Resources** Department of Environmental Quality Dickenson & Russell Coal DMME E. Dillon EMI Enhanced Systems Consulting Family Resource Center of Wytheville Federal Pacific First Bank and Trust First Community Bank Flatwoods Job Corp.

Food Lion, Inc. Frank Blankenship Electrical **General Dynamics General Engineering Giles County Schools** GlaxoSmithKline Guardian / Consolidated Glass Harvest Childcare Ministries Harvest Pharmaceuticals Heartland Rehabilitative Services Herron Construction Humphrey's Enterprises HVAC Imperial Fabricating Joe Simon Kennametal King Pharmaceutical K-Mart Lee County Federal Prison Lee County Schools Lee County Social Services Lonesome Pine Hospital Long Fork Longwall Associates Maxim Engineering McFall Excavating **Merillat Industries** Mid-Atlantic Manufacturing Mining & Property Specialists Montgomery Co. Schools Montgomery County Administration Office Natural Resources Conservation Norton Community Hospital Pascor Penn Line Services Penn Virginia **Poly Scientific Powell Mountain Coal Company** PowerShot Tool **Presley Trucking Prime Choice Foods** Pulaski County Board of Supervisors Pulaski County Department of Social Services Pulaski County Schools

Pulaski Furniture Rappahannock Community College Red River Coal Rooftop of Virginia Russell County School System Scholle Scott Co. Chamber Leadership Program Scott Co. Telephone Coop SHAMBLIN'S Shelor Motor Mile SHRM Southeastern Construction Southwest Virginia Community College St. Mary's Hospital Steve Mullins Excavating Strongwell Swiftnet Integration, LLC Tazewell County Public Schools **Tazewell County Social Services Tempur Production** TMD Friction Tom Cook Construction Town of Blacksburg Town of Pulaski Town of Tazewell **Trim Systems** USDA Utility Trailer VA Office of Surface Mining VDOF VDOT Victory Baptist Boys Home Virginia Chiropractic Association Virginia Department of Conservation & Recreation Virginia Highlands Community College Virginia Tech Virtus Marketing Volvo Trucks North America Washington County Schools Wise County Schools Wythe County Community Hospital

VCCS WDS Southwest Region

NUMBERS SERVED THROUGH WORKFORCE DEVELOPMENT SERVICES:

Total Number of Students Served: 13,060

Total Number of Business and Industries Served: 28

Total Number of Economic and Community Development Activities: 2490

Project Highlights

Mountain Empire Community College

Verizon provided the college with a grant to provide computer skills training for the parents of school children and for business and industry employees. The training enhances the technical and computer skills of employees and parents and teaches parents how to help their children with their school work.

New River Community College

The college has played an integral role in putting people back to work. Along with the Virginia Employment Commission and the local Workforce Investment Board, it sponsored "Opening Doors" for more than 1000 displaced workers from local industries. The college then sponsored a Job Fair Expo with its community "partners" for more than 620 job seekers and 75 employers.

Southwest Virginia Community College

Call Center Networking With Competitions – The marketing director of the Southwest Virginia Promise organized a bi-monthly meeting with 11 call center managers and representatives from Southwest Virginia and Mountain Empire community colleges. As a result, the colleges created a Customer Care Supervisor career studies certificate program. The program was featured article in the April 2004 edition of the Call Center Management Review.



Robbie Renquist, Grade 11, Electronics

Virginia Highlands Community College

The Virginia Board of Nursing conducted an on-site review of the Nursing Assistant education program on May 20, 2004 and confirmed that the program would receive continued approval. Because of the increased demand for the program, additional classes have been added.

Wytheville Community College

The Office of Continuing Education and Workforce Development was selected to provide Achieve Global soft skills training for a large private sector organization in Smyth County. The training included 10 Achieve Global modules for 48 supervisors and eight Teambuilding and Communications sessions for 200 hourly workers. Because of the success of the training, the organization requested additional training in Lotus Notes and Blueprint Reading.



- Mountain Empire
- New River
- Southwest Virginia
- Virginia Highlands
- Wytheville

Description of Region

Total Population: 613,940 High school graduates: 46% of total population College graduates: 9% of total population High school dropouts: 10% of total population Median Household income: \$28,212.00



"Dual-Enrollment has enabled me to eliminate four semesters of college."

Ryan Olsen, Grade 12 -Drafting/Pre-Engineering

Appropriations & Impact Summary

2003-2004 Appropriations

Apprenticeship Related Instruction \$884,387 Tech-Prep \$2,290,935 Institutes of Excellence \$846,900 Non-Credit Instruction and Services \$1,100,970 Workforce Development **Training Centers** \$508,140 Middle College \$360,000 Post Secondary Perkins \$3,402,614

WDS Impact Summary

Apprentices Trained	7,747
Customized Credit Course Completions	35,691
Companies Received Customized Training	769
Company Apprenticeship Training Sponsors	1,964
Distance Education Enrollment	19,555
Economic and Community Development Activities	12,157
Internship and Cooperative Education Students	16,000
Middle College Students	73
Non-Credit Course Completions	80,597
Occupation and Technical Students	11,000

The demographic data on previous pages pertaining to total population, number of high school graduates, number of college graduates, number of high school dropouts and median household income was retrieved from the Decennial Census conducted in April 2000 by the U.S. Census Bureau.

VCCS WDS Directory of Colleges

Blue Ridge Community College President: Dr. James R. Perkins WDS Contact: Janice S. "Bonnie" Moyers, Dean of Workforce Services and Continuing Education Website: http://www.brcc.edu

Central Virginia Community College

President: Dr. Darrel W. Staat WDS Contact: Stan Shoun, Vice President of Workforce Development & Continuing Education Website: http://cv.vccs.edu

Dabney S. Lancaster Community College

President: Dr. Richard R. Teaff WDS Contact: Gary Keener, Dean of Continuing Education and Workforce Services Website: http://www,dl.vccs.edu

Danville Community College

President: Dr. B. Carlyle Ramsey WDS Contact: Jeff Arnold, Interim Dean of Workforce Development Website: http://www.dcc.vccs.edu

Eastern Shore Community College

President: Dr. Richard E. Jenkins WDS Contact: Mary Walker, Workforce Development Website: http://www.es.vccs.edu/

Germanna Community College

President: Dr. Francis S. Turnage WDS Contact: Kathleen Habel, Dean of Workforce and Community Education Website: www.gcc.vccs.edu

J. Sargeant Reynolds Community College

President: Dr. Gary L. Rhodes WDS Contact: Ronald D. Laux, Vice President, Community College Workforce Alliance Website: www.jsr.vccs.edu

John Tyler Community College

President: Dr. Marshall W. Smith WDS Contact: Ronald D. Laux, Vice President, Community College Workforce Alliance Website: www.jtcc.edu

Lord Fairfax Community College

President: Dr. John J. "Ski" Sygielski WDS Contact: Nancy Lloyd, Vice President, Workforce Services and Continuing Education Website: http://www.lfcc.edu/

Mountain Empire Community College

President: Dr. Terrance E. Suarez WDS Contact: Sue Ellen Boatright-Wells, Dean of Workforce Development/Continuing Education Website: www.me.vccs.edu

New River Community College

President: Dr. Jack M. Lewis WDS Contact: Ron Chaffin, Vice President for Workforce Development Website: http://www.nr.edu/

Northern Virginia Community College

President: Dr. Robert G. Templin, Jr. WDS Contact: William Gary, Vice President for Workforce Development Website: http://www.nv.cc.va.us/

Patrick Henry Community College

President: Dr. Max F. Wingett WDS Contact: Cynthia Ingram, Dean, Continuing Education and Workforce Development Website: http://www.ph.vccs.edu/

Paul D. Camp Community College

President: Dr. Douglas W. Boyce WDS Contact: Carolyn W. Crowder, Dean, Workforce Development Website: www.pc.vccs.edu

Piedmont Virginia Community College President: Dr. Frank Friedman

WDS Contact: Jim Elmore, Dean of Workforce Services Website: http://www.pv.vccs.edu/

Rappahannock Community College

President: Dr. Elizabeth H. "Sissy" Crowther WDS Contact: Gayle J. Wood, Vice President for Workforce Development Website: www.rcc.vccs.edu

Southside Virginia Community College

President: Dr. John J. Cavan WDS Contact: Tom Reynolds, Dean of Continuing Education and Workforce Development Website: http://www.sv.cc.va.us/

Southwest Virginia Community College

President: Dr. Charles R. King WDS Contact: Barbara Fuller, Workforce Development Coordinator Website: http://www.sw.vccs.edu/

Thomas Nelson Community College

President: Dr. Charles A. Taylor WDS Contact: Deborah George Wright, Vice President for Workforce Development Website: www.tncc.edu

Tidewater Community College

President: Dr. Deborah M. DiCroce WDS Contact: Theresa M. Bryant, Vice President for Workforce Development Website: www.tcc.edu

Virginia Highlands Community College

President: Dr. F. David Wilkin WDS Contact: Melina T. Leland, Acting Director Website:www.vhcc.edu

Virginia Western Community College

President: Dr. Robert H. Sandel WDS Contact: Carroll Gentry, Vice President of Workforce Website: http://www.vw.cc.va.us/

Wytheville Community College

President: Dr. Ann E. Alexander WDS Contact: Dr. David N. Johnson, Dean of Continuing Education Website: http://www.wcc.vccs.edu/

WDS Staff Directory, System Office

101 North 14th Street, 15th Floor • Richmond, Virginia 23219

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MaChere Dickerson

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Mindy Fast, Interim Project Director

Institutes of Excellence (804) 819-4985 mfast@vccs.edu

Heather M. Felts, Coordinator

Events and Communications (804) 819-4987 hfelts@vccs.edu

Leonard Sledge, Director

Institutes of Excellence Isledge@vccs.edu (beginning Nov. 15, 2004)

Gloria Westerman, Director Education and Career Transition Programs (804) 819-4950 gwesterman@vccs.edu



From the Chancellor



Almost 40 years ago, in 1966, state leaders looked around at a few, fledgling technical colleges and devised a grander plan—a statewide system of 23 community colleges.

By 1972, all 23 colleges had opened. Because the demand increased, today there are 40 campuses. Our faculty and staff number about 8,000 people.

Community colleges were founded to meet Virginia's economic needs. We take pride in our flexible instructional framework, which can be adapted to the changing needs of business and industry wherever that may take us. Virginia's dreams for a bright future are in good hands with us. "Star Workforce projects" are surpassing all expectations in all six service regions.

That's one side of the equation. The other is this:

We are committed to people from all walks of life—that is to say, we believe that any Virginian who dreams of going to college should have that chance.

Last year, our System adopted a strategic plan called *Dateline 2009* that will help us reach that goal. As a result, community college tuition will remain affordable; community college courses will always be within either a short commute or a computer click; and, finally, community college instruction will be world-class—delivering skills sets and knowledge to students who will soon become Virginia's workforce. After all, 90 percent of our graduates stay in the Commonwealth.

Virginia families know this but here are a few facts that shed light on why:

First, Virginia's community colleges are the institution of choice for more than 75 percent of post-secondary students who are 25 years of age or older—the age category that comprises the bulk of Virginian's workforce. Next, of the 30 fastest growing occupations in America, one-third of those require no more education than a community college degree or certification.

And finally, beyond certifications and customized training, VCCS Workforce Development Service institutions offer a full range of post secondary education. High school students can take college classes while still in high school; and young high school graduates can save thousands of dollars by first completing the Associate Degree and then transferring to a four-year institution.

Community colleges are diversified to meet the needs of local business and industry within the community where each community college is embedded.

In 2003-2004, the state funds and tuition paid for the cost of workforce courses and programs, almost \$36 million. Based on increased productivity of employees, that \$36 million investment will generate an average return of \$291 million over the life of the employees.

I am very proud to say that across the Commonwealth, communities are joining hands with the VCCS to build stronger programs with first-rate faculty and facilities, so that every Virginian can enjoy a bright tomorrow.

Glenn DuBois Chancellor Virginia Community College System



The Virginia Community College System does not discriminate on the basis of race, color, national origin, sex, religion, age, or disability in employment or in the provision of services.



VIRGINIA COMMUNITY COLLEGE SYSTEM

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