

Board of Education Approved Industry Certifications, Occupational Competency Assessments, and Licensures								
Name of Credential		Issuing Organization	Student Selected Verified Credit and/or Career and Technical Education Seal	CTE Teachers Reported Certified by School Divisions by Specific Credentials (September 2006)	CTE Teachers Who Have Earned Certification Through State Sponsored Training or Testing Academies	Industry Certification Credentials Earned by Students During 2005-06 School Year	NOCTI Assessments Taken By Students That Met or Exceeded National Norms During 2005-06 School Year	Total Number of Students Taking NOCTI Assessments During 2005-06 School Year
Agricultural Education								
Commercial Pesticide Applicator Certification		Virginia Department of Agriculture and Consumer Services	X	32	48	12		
Floriculture-Greenhouse Assessment	3949	National Occupational Competency Testing Institute (NOCTI)	X				0	1
Greenhouse Operators Certification Program		Southeast Greenhouse Growers Association	X	68	115	39		
Floriculture Assessment	3049	National Occupational Competency Testing Institute (NOCTI)	X				3	5
Horticulture-Landscaping Assessment	3149	National Occupational Competency Testing Institute (NOCTI)	X				10	22
Outdoor Power Equipment Certifications (Pass any one Outdoor Power Equipment exam)		Equipment and Engine Training Council	X	52	41	12		
Small Engine Technology Assessment (formally Air Cooled Gas Engine Assessment)	3068	National Occupational Competency Testing Institute (NOCTI)	X				33	77

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Business and Information Technology								
Accounting-Basic Assessment	2000	National Occupational Competency Testing Institute (NOCTI)	X				94	225
Accounting – Complete Assessment	2900	National Occupational Competency Testing Institute (NOCTI)	X				13	21
Administrative Assisting Assessment	3001	National Occupational Competency Testing Institute (NOCTI)	X				5	8
Brainbench Network Administration Certifications (Pass any one test in this category)		Brainbench	X	0	0	24		
Brainbench Systems Administration Certifications (Pass any one test in this category)		Brainbench	X	0	0	36		
Brainbench Technical Support Certifications (Pass any one test in this category)		Brainbench	X	0	0	31		
Brainbench Software Development Certifications (Pass any one test in this category)		Brainbench	X	0	0	7		
Brainbench Web Design and Development Certifications (Pass any one test in this category)		Brainbench	X	108	126	4		
Brainbench Web Administration Certifications (Pass any one test in this category)		Brainbench	X	0	0	27		
Brainbench Desktop Publishing Certifications (Pass any one test in this category)		Brainbench	X		0	68		
Certified Internet Webmaster Associate		ProsoftTraining	X		15	0		
Certified Internet Webmaster Associate: Internet Business Foundations Examination		ProsoftTraining	X	33	72	104		
Certified Internet Webmaster Associate: Site Development Foundations Examination		ProsoftTraining	X	19	61	84		

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Certified Internet Webmaster Associate: Network Technology Foundations Examination		ProsoftTraining	X	16	54	68		
Certified Novell Administrator (CNA)		Novell	X	10		14		
Fundamental Business Concepts		ASK Institute (DECA/MarkED)	X		NEW			
IC3 Certification		Certiport	X	310	234	315		
iNet+ Certification		CompTIA	X	9	0	19		
Microsoft Certified Professional (Pass any one Microsoft Professional certification exam)		Microsoft	X	81	0	270		
Microsoft Office Specialist (MOS)—(Pass any one unique MOS exam at the core level)		Microsoft	X	579	477	1687		
Network+ Certification		CompTIA	X	24	0	4		
Oracle Certification Program Examinations (Pass any one Oracle certification exam)		Oracle Corporation	X	25	0	9		

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Family and Consumer Sciences								
Commercial Foods Assessment	3020	National Occupational Competency Testing Institute (NOCTI)	X				45	123
Early Childhood Care and Education Assessment	2016	National Occupational Competency Testing Institute (NOCTI)	X				130	251
Food Production Management and Services Assessment	3036	National Occupational Competency Testing Institute (NOCTI)	X				54	88
Hospitality Management—Food and Beverage Option Assessment	1079	National Occupational Competency Testing Institute (NOCTI)	X				6	9
ProStart Program Certification (Levels I and/or 2)		Education Foundation of the National Restaurant Association	X	53		134		
Retail Commercial Baking Assessment	2010	National Occupational Competency Testing Institute (NOCTI)	X				15	20
START Certification (Hospitality Skills)		American Hotel and Lodging Association (AH&LA)	X					

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Health and Medical Sciences								
Certified Dental Assistant: Infection Control Examination (ICE)		Dental Assisting National Board, Inc.	X	0	0	0		
Certified Dental Assistant: Radiation Health & Safety Examination (RHS)		Various: Virginia Board of Dentistry or Dental Assisting National Board, Inc.	X	9		55		
Dental Assisting Assessment	3026	National Occupational Competency Testing Institute (NOCTI)	X			7	8	20
Emergency Medical Technician		Department of Health, Office of Emergency Medical Services	X	32		167		
Health Assisting Assessment	2044	National Occupational Competency Testing Institute (NOCTI)	X				0	0
Home Health Aide Assessment	2048	National Occupational Competency Testing Institute (NOCTI)	X				6	15
Medical Assisting Assessment	3055	National Occupational Competency Testing Institute (NOCTI)	X				0	0
National Health Care Foundation Skills Standards Assessment	7550	National Consortium on Health Science & Technical Education (administered by NOCTI)	X				45	87
NRDA Certification (Dental Assisting)		National Allied Health Registry/National Association for Health Professionals	X	5		0		
NRDA Certification (Medical Assisting)		National Allied Health Registry/National Association for Health Professionals	X	11		0		
Nurse Aide		Virginia Board of Nursing	X	71		348		
Nursing Assisting Assessment	3058	National Occupational Competency Testing Institute (NOCTI)	X				4	6
Virginia Pharmacy Technician Examination		Virginia Board of Pharmacy	X	13		32		

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Marketing Education								
Fundamental Concepts of Business and Marketing Certification (discontinued exam)		ASK Institute (DECA/MarkED)		196	232	25		
Advanced Concepts of Business and Marketing Certification (discontinued exam)		ASK Institute (DECA/MarkED)		11		3		
Fundamental Marketing Concepts		ASK Institute (DECA/MarkED)	X	NEW				
Lodging Management Program Certification (Levels 1 and/or 2)		American Hotel and Lodging Association (AH&LA)	X	2		8		
National Professional Certification in Customer Service		National Retail Federation Foundation	X	218	135	419		
Retail Trades Assessment	3053	National Occupational Competency Testing Institute (NOCTI)	X				18	27
Sales Certification		National Retail Federation Foundation	X	NEW				

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Technology Education								
AutoCAD Certifications		Brainbench	X	184	154	869		
Certified SolidWorks Professional		SolidWorks Corporation	X	NEW				
Electronic Technology Assessment	3035	National Occupational Competency Testing Institute (NOCTI)	X				8	85
Manufacturing Technology Assessment	1084	National Occupational Competency Testing Institute (NOCTI)	X				3	10
Pre-Engineering Assessment (1475)	1475	National Occupational Competency Testing Institute (NOCTI)	X				7	12
Pre-Skills Assessment for Mastercam Assessment		Mastercam (Administered by National Occupational Competency Testing Institute (NOCTI))	X	NEW				

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Trade and Industrial Education							
A+ Certification (2003 Objectives)	CompTIA	X	75		54		
A+ Certification (2006 Objectives--any one exam)	CompTIA	X	NEW				
A+ Certification: Operating Systems Technologies Examination	CompTIA	X	10	31	76		
A+ Certification: Core Hardware Examination	CompTIA	X	23	35	113		
Access Certification	990 American Culinary Federation, Inc. (ACF)	X				8	9
Advertising and Design Assessment	3019 National Occupational Competency Testing Institute (NOCTI)	X				92	168
Audio-Visual Communications Assessment	2005 National Occupational Competency Testing Institute (NOCTI)	X				0	0
Automotive Technician Examination (ASE)—(Pass any one exam from Automobile Technician Test Series)	National Institute for Automotive Service Excellence	X	104		79		
Architectural Drafting Assessment	3004 National Occupational Competency Testing Institute (NOCTI)	X				4	6
Automotive Youth Educational Systems (AYES) Exit Examinations (Pass any two AYES exit exams)	Automotive Youth Educational Systems	X	18		146		
Basic Principles of Construction: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	X	11		58		
Basic Installer Exam, Mobile Electronics Certified Professional	Consumer Electronics Association	X	NEW				
CAD Assessment	2973 National Occupational Competency Testing Institute (NOCTI)	X				20	29
Cabinetmaking Assessment	2014 National Occupational Competency Testing Institute (NOCTI)	X				2	21
Carpentry Assessment	3015 National Occupational Competency Testing Institute (NOCTI)	X				27	57
Carpentry, National Construction Career Test	National Center For Construction Education & Research (NCCER)	X	25	23	3		
Carpentry Level One, National Construction Career Test	National Center for Construction Education & Research (NCCER)	X	0	0	0		

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Certified Electronics Technician Associate (CET)		Electronics Technicians Association, International (ETA)	X	18		11		
Certified Fiber Optics Installer (CFOI)		ALL ENTITIES	X	20		7		
Certified Satellite Dish Installer		Electronics Technicians Association, International (ETA)	X	2		1		
CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4)		CISCO Systems	X	30		18		
CISCO Certified Networking Associate (CCNA)		CISCO Systems	X	20		6		
CISCO CCNA Examination: Interconnecting CISCO Networking Devices Examination		CISCO Systems	X	11	2	9		
CISCO CCNA Examination: Introduction to CISCO Networking Technologies Examination		CISCO Systems	X	13		83		
Collision Repair Assessment	3006	National Occupational Competency Testing Institute (NOCTI)	X				10	25
Collision Repair and Refinishing Technician (ASE)- (Pass any one exam from Collision Repair & Refinish Test Series)		National Institute for Automotive Service Excellence	X	14		0		
Collision Repair/Refinishing Technology Assessment	2083	National Occupational Competency Testing Institute (NOCTI)	X				14	24
Computer Networking Fundamentals Assessment		National Occupational Competency Testing Institute (NOCTI)	X		NEW		20	37
Computer Repair Technology		National Occupational Competency Testing Institute (NOCTI)	X		NEW		19	45
Construction Electricity Assessment	1024	National Occupational Competency Testing Institute (NOCTI)	X				3	28
Construction Masonry-Blocklaying Assessment	3025	National Occupational Competency Testing Institute (NOCTI)	X				7	9
Construction Masonry-Bricklaying Assessment	3125	National Occupational Competency Testing Institute (NOCTI)	X				15	40
Copper Based Cabling Certification		ALL ENTITIES	X	14		8		
Core: Introductory Craft Skills, National Construction Career Test		National Center For Construction Education & Research (NCCER)	X	45	38	96		
Cosmetology Assessment	2082	National Occupational Competency Testing Institute (NOCTI)	X				65	165
Criminal Justice Assessment	2981	National Occupational Competency Testing Institute (NOCTI)	X				84	118

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Diesel Engine Mechanics Assessment	3027	National Occupational Competency Testing Institute (NOCTI)	X				0	1
Drafter Certification		American Design Drafting Association	X	21	24	23		
Electrical Certification		HVAC Excellence	X	6	7	10		
Electrical Occupations	2031	National Occupational Competency Testing Institute (NOCTI)	X	NEW			2	7
Electrical Construction Assessment	3030	National Occupational Competency Testing Institute (NOCTI)	X				2	19
Electrical Principles: Residential Construction Academy Examination		Delmar Thomson Learning/Home Builders Institute	X	5		21		
Electrical, National Construction Career Test		National Center For Construction Education & Research (NCCER)	X	19	15	10		
Electronics Assessment	1034	National Occupational Competency Testing Institute (NOCTI)	X				3	24
EPA Technician Certification (Levels I, II, or III)		Environmental Protection Agency (Authorized Entity)	X	17		178		
Firefighter I Certification		Virginia Department of Fire Programs	X	14		65		
General Drafting and Design Assessment	3038	National Occupational Competency Testing Institute (NOCTI)	X				0	0
Graphic Communication Technology Assessment	4042	National Occupational Competency Testing Institute (NOCTI)	X				0	3
Heating, Electrical, Air Conditioning Technology (HEAT) Examination		HVAC Excellence	X	3		20		
House Wiring: Residential Construction Academy Examination		Delmar Thomson Learning/Home Builders Institute	X	5		14		
HTI+ Systems Infrastructure and Integration Examination		CompTIA	X	NEW				
HTI+ Residential Systems Examination		CompTIA	X	NEW				
HVAC: Residential Construction Academy Examination		Delmar Thomson Learning/Home Builders Institute	X	4		7		
HVAC, National Construction Career Test		National Center For Construction Education & Research (NCCER)	X	6	3	6		
Industrial Maintenance Mechanic Assessment	1074	National Occupational Competency Testing Institute (NOCTI)	X				0	0
Installer (or Service) Core Certification (HVAC)		North American Technician Excellence, Inc. (NATE)	X	3		6		

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Machining Skills--Level I (Pass any one Machining (Level I) examination with performance component)		National Institute for Metalworking Skills (NIMS)	X	13	27	0		
Masonry, National Construction Career Test		National Center For Construction Education & Research (NCCER)	X	27	11	0		
Metalworking and Fabrication Assessment	2056	National Occupational Competency Testing Institute (NOCTI)	X				0	0
National Automotive Technicians Education Foundation (NATEF) End of Program Test Series Examinations (Pass any two NATEF, End of Program Test Series, exams)		National Automotive Technicians Education Foundation	X	19		42		
Plumbing Assessment	3061	National Occupational Competency Testing Institute (NOCTI)	X				5	7
Plumbing: Residential Construction Academy Examination		Delmar Thomson Learning/Home Builders Institute	X			32		
Precision Machining Assessment	3052	National Occupational Competency Testing Institute (NOCTI)	X				2	21
Protective Services	new	National Occupational Competency Testing Institute (NOCTI)	X	NEW				
Introduction to Graphic Communications (PrintED)	7545	Graphic Arts Education and Research Foundation (Test Administered Through NOCTI)	X				13	19
Press Operations	7547	Graphic Arts Education and Research Foundation (Test Administered Through NOCTI)	X				1	3
Refinishing Technology Assessment	1075	National Occupational Competency Testing Institute (NOCTI)	X				17	24
SENSE Training Program Certification (Level 1, Entry-level Welder)		American Welding Society (AWS)	X	13		43		
Student Electronics Technician Certification (SET)		Electronics Technicians Association, International (ETA)	X	3		7		
Telecommunications Electronics Technician Certification		Electronics Technicians Association, International (OETA)	X	2		2		
Television Broadcasting Assessment	1427	National Occupational Competency Testing Institute (NOCTI)	X				53	88
Visual Communications Assessment	1425	National Occupational Competency Testing Institute (NOCTI)	X				0	0

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Welding Assessment	3072	National Occupational Competency Testing Institute (NOCTI)	X				32	82
Welding, National Construction Career Test		National Center For Construction Education & Research (NCCER)	X	15	9	4		
License								
Barbers		Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	X	12		13		
Cosmetology		Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	X	83		311		
Nail Technician		Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	X	63		18		
Real Estate Salesperson		Virginia Real Estate Board (Dept. of Professional & Occupational Regulation)	X	5		0		
		TOTALS		2,982	1,989	6,501	1,027	2,191
TOTAL STUDENTS WHO HAVE EARNED A CREDENTIAL DURING SCHOOL YEAR 2005-06						7,528		
						This total does not include locally approved credentials.		