

List of Board Approved Credentials (as being proposed to Board of Education on January 10, 2008) for Student-Selected Verified Credit									
Name of Credential (bolded are new credentials for 2007-08 school year)	Name of Entity	2006-07 School Year							Comments
		Credentials Reported By Schools Divisions on Spreadsheet Survey	Students Taking a NOCTI Test	Students Passing a NOCTI Test	Percentage of Students Passing NOCTI Test	Students Attempting a Credential Exam as Reported On School Division Reimbursement Requests	Students Achieving a Credential as Reported On School Division Reimbursement Requests	Percent of Student Achieving The Credential	
Agricultural Education									
Agriculture Mechanics Assessment	National Occupational Competency Testing Institute (NOCTI)		0	0	0.00%				
Commercial Pesticide Applicator Certification	Virginia Department of Agriculture and Consumer Services	21				23	1	4.35%	
Floriculture-Greenhouse Assessment	National Occupational Competency Testing Institute (NOCTI)		0	0	0.00%				
Floriculture Assessment	National Occupational Competency Testing Institute (NOCTI)		26	23	88.46%				
Forestry Products & Processing Assessment	National Occupational Competency Testing Institute (NOCTI)		12	9	75.00%				
Greenhouse Operators Certification Program	Southeast Greenhouse Growers Association	40				71	36	50.70%	
Horticulture-Landscaping Assessment	National Occupational Competency Testing Institute (NOCTI)		16	5	31.25%				
Horticulture-Olericulture and Pomology Assessment	National Occupational Competency Testing Institute (NOCTI)		4	1	25.00%				
Outdoor Power Equipment Certifications (Pass any one Outdoor Power Equipment exam)	Equipment and Engine Training Council	7				68	7	10.29%	
Production Agriculture Assessment	National Occupational Competency Testing Institute (NOCTI)		16	9	56.25%				
Small Engine Technology Assessment	National Occupational Competency Testing Institute (NOCTI)		189	15	7.94%				
Small Animal Science	National Occupational Competency Testing Institute (NOCTI)				NEW				
Business and Information Technology									
Accounting-Basic Assessment	National Occupational Competency Testing Institute (NOCTI)		405	144	35.56%				
Accounting – Complete Assessment	National Occupational Competency Testing Institute (NOCTI)		46	21	45.65%				
Administrative Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)		60	29	48.33%				
Adobe Certified Associate (Pass any one test in this program)	Adobe Systems Incorporated				NEW				
Apple Pro Certification Program (Pass any one exam in this program)	Apple, Inc.				NEW				
Business and Information Technology Assessment	National Occupational Competency Testing Institute (NOCTI)				NEW				
Brainbench Network Administration Certifications (Pass any one test in this category)	Brainbench	11							
Brainbench Systems Administration Certifications (Pass any one test in this category)	Brainbench	20							
Brainbench Software Development Certifications (Pass any one test in this category)	Brainbench	40							
Brainbench Web Design and Development Certifications (Pass any one test in this category)	Brainbench	41							
Brainbench: Adobe Photoshop	Brainbench sub category					40	34	85.00%	
Brainbench Web Administration Certifications (Pass any one test in this category)	Brainbench	29							
Brainbench Desktop Publishing Certifications (Pass any one test in this category)	Brainbench	172							
Certified Internet Web Professional (CIW) Program (Pass any one exam in this program)	ProsoftTraining	283				948	464	48.95%	
Certified Novell Administrator (CNA)	Novell	0				16	13	81.25%	
Fundamentals of Wireless LANs Examination	Cisco Systems	0				0			
Fundamental Business Concepts	ASK Institute (DECA/MarkED)	99				16	3	18.75%	
IC3 Certification	Certiport	318				1,036	562	54.25%	
Java Programming Examination	Cisco Systems	0				0	0		
Linux+ Certification	CompTIA	0				0	0		
Microsoft Certified Professional (Pass any one Microsoft Professional exam)	Microsoft	291				119	102	85.71%	
Microsoft Office Specialist (MOS)—(Pass any one MOS exam)	Microsoft	3,132				3,723	2,457	66.00%	
Network+ Certification	CompTIA	40				21	11	52.38%	
Oracle Certification Program Examinations (Pass any one Oracle certification exam)	Oracle Corporation	8				17	8	47.06%	* 2005-06 data
Fundamentals of Unix Examination	Cisco Systems	0				0			
Virginia Workplace Readiness Assessment/IC3 Certification Exams (pass Virginia Workplace Readiness Assessment and any one of three IC3 exams)	National Occupational Competency Testing Institute (NOCTI) and Certiport		1,471	762	51.80%				NEW based on cut score of 82; not a norm-based cut score
Family and Consumer Sciences									
Commercial Foods Assessment	National Occupational Competency Testing Institute (NOCTI)		194	90	46.39%				
Culinary Arts Prep Cook-Level 1 Assessment	National Occupational Competency Testing Institute (NOCTI)				NEW				
Culinary Arts Cook-Level 2 Assessment	National Occupational Competency Testing Institute (NOCTI)				NEW				
Early Childhood Care and Education Assessment	National Occupational Competency Testing Institute (NOCTI)		313	177	56.55%				
Hospitality Management—Food and Beverage Option Assessment	National Occupational Competency Testing Institute (NOCTI)		9	1	11.11%				

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Hospitality Management—Lodging Option Assessment	National Occupational Competency Testing Institute (NOCTI)		0	0					
ProStart Program Certification (Levels 1 and/or 2)	Education Foundation of the National Restaurant Association	170				143	104	72.73%	
Retail Commercial Baking Assessment	National Occupational Competency Testing Institute (NOCTI)		32	21	65.63%				
START Certification (Hospitality Skills)	American Hotel and Lodging Association (AH&LA)	3				0			
Health and Medical Sciences									
Certified Dental Assistant: Infection Control Examination (ICE)	Dental Assisting National Board, Inc.	0				0			
Certified Dental Assistant: Radiation Health & Safety Examination (RHS)	Dental Assisting National Board, Inc.	87				18	18	100.00%	
Dental Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)		47	19	40.43%				
EMS First Responder Certification	Department of Health, Office of Emergency Medical Services	8			NEW	22	5	22.73%	
Emergency Medical Technician	Department of Health, Office of Emergency Medical Services	193				176	35	19.89%	
Health Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)		91	33	36.26%				
Home Health Aide Assessment	National Occupational Competency Testing Institute (NOCTI)		10	2	20.00%				
Medical Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)		20	2	10.00%				
National Health Care Foundation Skills Standards Assessment	National Consortium on Health Science & Technical Education		136	65	47.79%				
NRDA Certification (Dental Assisting)	National Allied Health Registry/National Association for Health Professionals	13				0			
NRDA Certification (Medical Assisting)	National Allied Health Registry/National Association for Health Professionals	1				0			
Nurse Aide	Virginia Board of Nursing	466				361	265	73.41%	
Nursing Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)		58	17	29.31%				
Virginia Pharmacy Technician Examination	Virginia Board of Pharmacy	84				58	40	68.97%	
Marketing Education									
Fundamental Marketing Concepts	ASK Institute (DECA/MarkED)	39				234	47	20.09%	
Lodging Management Program Certification (Level 1 and/or 2)	American Hotel and Lodging Association (AH&LA)	0				0			
National Professional Certification in Customer Service	National Retail Federation Foundation	1,796				1,367	1,150	84.13%	
Retail Trades Assessment	National Occupational Competency Testing Institute (NOCTI)		44	26	59.09%				
Sales Certification	National Retail Federation Foundation	20				28	20	71.43%	
Technology Education									
AutoCAD Certifications (Pass any one exam)	Brainbench	1,298				548	496	90.51%	From Snapshot data (divisions who paid for AutoCAD test)
same credential as above (different data source)	Brainbench					933	726	77.81%	Taken from Brainbench/DOE partnership site
Autodesk Application Certification Program (Pass any one exam)	Autodesk				NEW				
Certified SolidWorks Professional	SolidWorks Corporation	0				0			
Electronic Technology Assessment	National Occupational Competency Testing Institute (NOCTI)		98	8	8.16%				
Manufacturing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)		19	9	47.37%				
Pre-Engineering Assessment	National Occupational Competency Testing Institute (NOCTI)		85	34	40.00%				
Pre-Skills Assessment for Mastercam Assessment	Mastercam—Administered by National Occupational Competency Testing Institute (NOCTI)		0						
Trade and Industrial Education									
A+ Certification (Pass any one exam from 2006 certification program)	CompTIA	135				53	46	86.79%	
Access Certification	American Culinary Federation, Inc. (ACF)	0				12	5	41.67%	
Advertising and Design Assessment	National Occupational Competency Testing Institute (NOCTI)		181	107	59.12%				
Audio-Visual Communications Assessment	National Occupational Competency Testing Institute (NOCTI)		0						
Automotive Technician Examination (ASE)—(Pass any one exam from Automobile Technician Test Series)	National Institute for Automotive Service Excellence	108				168	61	36.31%	
Architectural Drafting Assessment	National Occupational Competency Testing Institute (NOCTI)		4	2	50.00%				
Automotive Youth Educational Systems (AYES) Exit Examinations (Pass any two AYES exit exams)	Automotive Youth Educational Systems	258				83	51	61.45%	VB data; one exam passed
Basic Principles of Construction: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	170				0			
Basic Installer Exam, Mobile Electronics Certified Professional	Consumer Electronics Association	23				0			
CAD Assessment	National Occupational Competency Testing Institute (NOCTI)		146	45	30.82%				

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Cabinetmaking Assessment	National Occupational Competency Testing Institute (NOCTI)		26	8	30.77%				
Carpentry Assessment	National Occupational Competency Testing Institute (NOCTI)		95	33	34.74%				
Carpentry: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	0				0			
Carpentry Level One, National Construction Career Test	National Center for Construction Education & Research (NCCER)	22				17	6	35.29%	
Certified Computer Service Technician	Electronics Technicians Association, International (ETA)	0				0			
Certified Electronics Technician Associate (CET)	Electronics Technicians Association, International (ETA)	0				0			
Certified Satellite Dish Installer	Electronics Technicians Association, International (ETA)	0				5	4	80.00%	VB data
CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4)	CISCO Systems	93				0			
CISCO Certified Networking Associate (Pass any one exam in CCNA certification program)	CISCO Systems	19				46	16	34.78%	exams not identified
Collision Repair Assessment	National Occupational Competency Testing Institute (NOCTI)		18	4	22.22%				
Collision Repair and Refinishing Technician (ASE) (Pass any one exam from Collision Repair & Refinish Test Series)	National Institute for Automotive Service Excellence	15				0			
Collision Repair/Refinishing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)		92	43	46.74%				
Computer Networking Fundamentals Assessment	National Occupational Competency Testing Institute (NOCTI)		73	33	45.21%				
Computer Repair Technology Assessment	National Occupational Competency Testing Institute (NOCTI)		18	4	22.22%				
Construction Masonry-Blocklaying Assessment	National Occupational Competency Testing Institute (NOCTI)		8	2	25.00%				
Construction Masonry-Bricklaying Assessment	National Occupational Competency Testing Institute (NOCTI)		32	12	37.50%				
Construction Technology Test	National Center For Construction Education & Research (NCCER)				NEW				
Computer Technology Assessment	National Occupational Competency Testing Institute (NOCTI)				NEW				
Copper Based Cabling Certification	RBT Systems, Inc.	16				0			
Core: Introductory Craft Skills, National Construction Career Test	National Center For Construction Education & Research (NCCER)	55				57	34	59.65%	
Cosmetology Assessment	National Occupational Competency Testing Institute (NOCTI)		174	82	47.13%				
Criminal Justice Assessment	National Occupational Competency Testing Institute (NOCTI)		600	306	51.00%				
Data Cabling Installer Certification (DCIC)	Electronics Technicians Association, International (ETA)	0				0			
Diesel Engine Mechanics Assessment	National Occupational Competency Testing Institute (NOCTI)		31	18	58.06%				
Drafter Certification	American Design Drafting Association	47				77	67	87.01%	
Electrical Construction Assessment	National Occupational Competency Testing Institute (NOCTI)		13	1	7.69%				
Electrical Occupations Assessment	National Occupational Competency Testing Institute (NOCTI)		12	6	50.00%				
Electrical Principles: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	43				0			
Electrical, National Construction Career Test	National Center For Construction Education & Research (NCCER)	4				26	11	42.31%	
Electronics Assessment	National Occupational Competency Testing Institute (NOCTI)		26	7	26.92%				
EPA Technician Certification (Levels I, II, or III)	Environmental Protection Agency (Authorized Entity)	202				222	147	66.22%	
Fiber Optic Network Cabling Certification	RBT Systems, Inc.	21							
Fiber Optics Installer Certification	Electronics Technicians Association, International (ETA)	0				8	8	100.00%	VB data
Firefighter I Certification	Virginia Department of Fire Programs	77				65	43	66.15%	VB data
General Drafting and Design Assessment	National Occupational Competency Testing Institute (NOCTI)		7	2	28.57%				
Graphic Communication Technology Assessment	National Occupational Competency Testing Institute (NOCTI)		6	0	0.00%				
Graymark Cabling Installation Certification	Graymark International	0				0			
Heating, Electrical, Air Conditioning Technology (HEAT) Examination (Pass any one exam)	HVAC Excellence	0				0			
Heating, Ventilation, Air Conditioning (HVAC) Assessment	National Occupational Competency Testing Institute (NOCTI)				NEW				
Heating, Ventilation, Air Conditioning & Refrigeration (HVAC/R) Assessment	National Occupational Competency Testing Institute (NOCTI)				NEW				
Heavy Equipment Operations Level One	National Center For Construction Education & Research (NCCER)				NEW				
House Wiring: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	29				0			
HVAC: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	10				0			
HVAC, National Construction Career Test	National Center For Construction Education & Research (NCCER)	0				0			
HVAC Excellence Certification Program (Pass any one exam in this program)	HVAC Excellence	0				25	10	40.00%	
Industrial Maintenance Mechanic Assessment	National Occupational Competency Testing Institute (NOCTI)		0						
Installer (or Service) Core Certification (HVAC)	North American Technician Excellence, Inc. (NATE)	0				0			
IT Essentials 1 Examination (PC Hardware and Software)	Cisco Systems	54				28	28	100.00%	
IT Essentials 2 Examination (Network Operating Systems)	Cisco Systems	0				0			

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Machining Skills--Level I (Pass any one Machining (Level I) examination with performance component)	National Institute for Metalworking Skills (NIMS)	3				2	2	100.00%	
Masonry Level One, National Construction Career Test	National Center For Construction Education & Research (NCCER)	1				6	2	33.33%	
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	171				1,459	532	36.46%	
Plumbing Assessment	National Occupational Competency Testing Institute (NOCTI)		8	3	37.50%				
Plumbing: Residential Construction Academy Examination	Delmar Thomson Learning/Home Builders Institute	34				0			
Precision Machining Assessment	National Occupational Competency Testing Institute (NOCTI)		43	5	11.63%				
Protective Services Assessment	National Occupational Competency Testing Institute (NOCTI)		0						
PrintED Certification Program (Pass any one exam)	Graphic Arts Education and Research Foundation	7				28	18	64.29%	
Residential Air-Conditioning and Heating Certification	Air Conditioning and Refrigeration Institute	4				0			
SENSE Training Program Certification (Level 1, entry-level welder)	American Welding Society (AWS)	43				4	4	100.00%	2005-06 data
Student Electronics Technician Certification (SET)	Electronics Technicians Association, International (ETA)	21				0			
Telecommunications Electronics Technician Certification	Electronics Technicians Association, International (OETA)	19				16	16	100.00%	VB data
Television Broadcasting Assessment	National Occupational Competency Testing Institute (NOCTI)		166	90	54.22%				
Visual Communications Assessment	National Occupational Competency Testing Institute (NOCTI)		60	28	46.67%				
Welding Assessment	National Occupational Competency Testing Institute (NOCTI)		118	52	44.07%				
Welding, National Construction Career Test	National Center for Construction Education & Research (NCCER)	8				16	1	6.25%	
License									
Barbers	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	38				9	1	11.11%	
Cosmetology	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	593				626	488	77.96%	
Nail Technician	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)	4				7	6	85.71%	
Real Estate Salesperson	Virginia Real Estate Board (Dept. of Professional & Occupational Regulation)	1				0			
Totals		11,078	5,358	2,415	45.07%	13,051	8,211	62.91%	