

Appendix B - Virginia Board of Education

Approved Industry Certifications, Occupational Competency Assessments and Licensures

Name of Credential	Issuing Organization	Meets Board of Education Criteria		
		Student-Selected Verified Credit	Career & Technical Education Seal	Advanced Mathematics & Technology Seal
AGRICULTURAL EDUCATION				
Commercial Pesticide Applicator Certification	Virginia Department of Agriculture and Consumer Services	X	X	X
Horticulture Landscaping Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
BUSINESS AND INFORMATION TECHNOLOGY				
Accounting	National Occupational Competency Testing Institute (NOCTI)	X	X	
Advanced Accounting	National Occupational Competency Testing Institute (NOCTI)	X	X	
Brainbench Software Development Certifications	Brainbench	X	X	X
Certified Internet Webmaster Professional (CIW) Program (Pass any one exam in this program)	ProsoftTraining	X	X	X
Internet Core Computing Concepts (IC3) (Must pass all three parts)	Certiport	X	X	X
Microsoft Certified Professional (Pass any one Microsoft Professional exam)	Microsoft	X	X	X
Microsoft Office Specialist (MOS) (Pass any one MOS exam)	Microsoft	X	X	
Network+ Certification	CompTIA	X	X	X
Oracle Certified Professional (Pass any one Oracle Professional Certification Exam)	Oracle Corporation	X	X	X
WISE Financial Literacy Certification	Working in support of Education		X	
Microsoft Technology Associate (MTA) (Pass any one exam)	Microsoft	X	X	
Adobe Certified Associate (Pass any one exam)	Adobe Systems, Inc.	X	X	
College and Work Readiness Assessment (CWRA+)	Council for Aid to Education	X	X	
Workplace Readiness Skills for Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)	X	X	
FAMILY AND CONSUMER SCIENCES				
ServSafe Food Protection Manager Certification	National Restaurant Association	X	X	
Early Childhood Care and Education Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Retail Commercial Baking Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Broad Field Family & Consumer Sciences Examination	American Association of Family & Consumer Sciences	X	X	
Workplace Readiness Skills for Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)	X	X	
HEALTH AND MEDICAL SCIENCES				
Certified Dental Assistant: Radiation Health and Safety Examination (RHS)	Dental Assisting National Board	X	X	

Name of Credential	Issuing Organization	Meets Board of Education Criteria		
		Student-Selected Verified Credit	Career & Technical Education Seal	Advanced Mathematics & Technology Seal
Dental Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Nurse Aide	Virginia Board of Nursing	X	X	
MARKETING EDUCATION				
Lodging Management Program Certification (Levels 1 and/or 2)	American Hotel and Lodging Association (AH&LA)	X	X	
National Professional Certification in Customer Service and Sales	National Retail Federation Foundation	X	X	
Advanced Customer Service and Sales	National Retail Federation Foundation	X	X	
College and Work Readiness Assessment (CWRA+)	Council for Aid to Education	X	X	
Workplace Readiness Skills for Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)	X	X	
TECHNOLOGY EDUCATION				
AutoCAD Certification (Pass any one exam)	Brainbench	X	X	
Autodesk Application Certification Program (Pass any one exam)	Autodesk	X	X	
Electronic Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Manufacturing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Advertising and Design Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
College and Work Readiness Assessment (CWRA+)	Council for Aid to Education	X	X	
Workplace Readiness Skills for Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)	X	X	
TRADE AND INDUSTRIAL EDUCATION				
A+ Certification	CompTIA	X	X	
(Pass any one exam from 2006 certification program)				
Advertising and Design Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Automotive Technician, ASE-(Pass any exam from Automobile Technician Test Series)	National Institute for Automotive Service Excellence	X	X	X
Automotive Technician Core	National Occupational Competency Institute	X	X	X
Carpentry Assessment	Home Builders Institute: Carpentry	X	X	
Certified Electronics Technician Associate (CET)	Electronics Technicians Association, International (ETA)	X	X	
Cisco CCNA Academy End-of-Course Certificate (Pass any two end-of-course exams, Levels 1-4)	Cisco Systems	X	X	X
Cisco Certified Networking Associate (CCNA)	Cisco Systems	X	X	X
Collision Repair/Refinishing Technology	National Occupational Competency Testing Institute (NOCTI)	X	X	
Construction Masonry-Bricklaying Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Criminal Justice Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Data Cabling Installer Certification (DCIC)	Electronics Technicians Association, International (ETA)	X	X	
Electrical Assessment	Home Builders Institute: House Wiring	X	X	
EPA Technician Certification (Levels I, II, or III)	Environmental Protection Agency (Authorized Entity)	X	X	

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		Student-Selected Verified Credit	Career & Technical Education Seal	Advanced Mathematics & Technology Seal
Emergency Medical Technician	Department of Health, Office of Emergency Medical Services	X	X	
Fiber Optics Installer Certification	Electronics Technicians Association, International (ETA)	X	X	
Heating, Electrical, Air Conditioning Technology	HVAC Excellence	X	X	
Heating, Ventilation, Air Conditioning (HVAC) Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Heating, Ventilation, Air Conditioning and Refrigeration Assessment	Home Builders Institute: HVAC	X	X	
National Automotive Technicians Education Foundation (NATEF) End-of-Program Test Series Examinations (Pass any two NATEF, end-of-program test series)	National Automotive Technicians Education Foundation	X	X	
Outdoor Power Equipment Certifications (Pass any one Outdoor Power Equipment exam)	Equipment and Engine Training Council	X	X	
Plumbing Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Small Engine Technology Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Student Electronics Technician Certification (SET)	Electronics Technicians Association, International (ETA)	X	X	
Television Broadcasting Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
Welding Assessment	National Occupational Competency Testing Institute (NOCTI)	X	X	
College and Work Readiness Assessment (CWRA+)	Council for Aid to Education	X	X	
Workplace Readiness Skills for Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)	X	X	
LICENSE				
Cosmetology	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulations)	X	X	

The following matrix identifies sequential electives in each discipline of the regular instructional program that can be used to satisfy the graduation requirement of a two (2) year sequence of focused sequential electives.