

Virginia Board of Education Agenda Item



Agenda Item: E

Date: April 27, 2017

Title	First Review of Revisions to the List of 2017-2018 Board of Education Approved Industry Certifications, Occupational Competency Assessments, and Professional Licenses		
Presenter	Ms. Lolita B. Hall, Director, Office of Career, Technical, and Adult Education		
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Purpose of Presentation:

Action required by Board of Education regulation.

Previous Review or Action:

Previous review and action. Specify date and action taken below:

Dates: September 28, 2000; April 26, 2001; April 24 & 25, 2002; May 28, 2003; June 25, 2003; February 25, 2004; February 23, 2005; November 30, 2005, November 29, 2006, January 10, 2008, January 15, 2009, January 14, 2010, February 17, 2011, May 24, 2012, June 27, 2013, April 24, 2014, April 23, 2015, and April 28, 2016.

Action: Technical changes, additions, and/or deletions were approved to the list of Board-approved certification examinations, assessments, and licenses.

Action Requested:

Action will be requested at a future meeting. Specify anticipated date below:

May 25, 2017 – Final Review

Alignment with Board of Education Goals: Please indicate (X) all that apply:

X	Goal 1: Accountability for Student Learning
	Goal 2: Rigorous Standards to Promote College and Career Readiness
	Goal 3: Expanded Opportunities to Learn
	Goal 4: Nurturing Young Learners
	Goal 5: Highly Qualified and Effective Educators
	Goal 6: Sound Policies for Student Success
	Goal 7: Safe and Secure Schools
	Other Priority or Initiative. Specify:

Background Information and Statutory Authority:

Goal 1: Secondary students who complete rigorous and relevant CTE programs gain the knowledge and skills needed to earn industry-recognized, in-demand credentials that lead to success in further education and careers.

The *Regulations Establishing Standards for Accrediting Public Schools in Virginia*, 8 VAC 20-131-50.H.3, provide students who demonstrate academic excellence and/or outstanding achievement the opportunity to earn the Board of Education’s Career and Technical Education Seal.

8 VAC 20-131-50.H.3 – “The Board of Education’s Career and Technical Education Seal will be awarded to students who earn a Standard Diploma or an Advanced Studies Diploma and complete a prescribed sequence of courses in a career and technical education concentration or specialization that they choose and maintain a “B” or better average in those courses; or (i) pass an examination or an occupational competency assessment in a career and technical education concentration or specialization that confers certification or occupational competency credential from a recognized industry, trade or professional association or (ii) acquire a professional license in that career and technical education field from the Commonwealth of Virginia. The Board of Education shall approve all professional licenses and examinations used to satisfy these requirements.”

The *Regulations Establishing Standards for Accrediting Public Schools in Virginia*, 8 VAC 20-131-50.H.4, provide students who demonstrate academic excellence and/or outstanding achievement the opportunity to earn the Board of Education’s Seal of Advanced Mathematics and Technology.

8 VAC 20-131-50.H.4 – “The Board of Education’s Seal of Advanced Mathematics and Technology will be awarded to students who earn either a Standard Diploma or an Advanced Studies Diploma and (i) satisfy all of the mathematics requirements for the Advanced Studies Diploma (four units of credit including Algebra II; two verified units of credit) with a “B” average or better; and (ii) either (a) pass an examination in a career and technical education field that confers certification from a recognized industry, or trade or professional association; (b) acquire a professional license in a career and technical education field from the Commonwealth of Virginia; or (c) pass an examination approved by the board that confers college-level credit in a technology or computer science area. The Board of Education shall approve all professional licenses and examinations used to satisfy these requirements.”

The *Regulations Establishing Standards for Accrediting Public Schools in Virginia* make the following provisions relative to students earning verified units of credit:

8 VAC 20-131-110.C – Standard and verified units of credit
“The Board of Education may from time to time approve additional tests for the purpose of awarding verified credit. Such additional tests, which enable students to earn verified units of credit, must, at a minimum, meet the following criteria:

1. The test must be standardized and graded independently of the school or school division in which the test is given;
2. The test must be knowledge based;
3. The test must be administered on a multistate or international basis, or administered as part of another state’s accountability assessment program; and
4. To be counted in a specific academic area, the test must measure content that incorporates or exceeds the SOL content in the course for which verified credit is given.”

8 VAC 20-131-50.B.2 – (Requirements for a Standard Diploma - Footnotes 5, 6 and 8)

5 “A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education, economics or other areas as prescribed by the board in 8VAC 20-131-110.”

6 “Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association, or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.”

8 “Students shall earn a career and technical education credential approved by the Board of Education, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the standard diploma requirements. The career and technical education credential, when required, could include the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness assessment.”

8 VAC 20-131-50.C.2 – (Requirements for an Advanced Studies Diploma - Footnote 5)

5 “A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education, economics or other areas as prescribed by the board in 8VAC 20-131-110.”

Summary of Important Issues:

The process for reviewing and validating industry credentials for the purpose of awarding verified credit is based on the following criteria: 1) the test must be standardized and graded independently of the school or school division in which the test is given; 2) the test must be knowledge based; 3) the test must be administered on a multistate or international basis, or administered as part of another state’s accountability assessment program; and 4) to be counted in a specific academic area, the test must measure content that incorporates or exceeds the Standards of Learning content in the course for which verified credit is given. Important to this process is ensuring that the credential is relevant and recognized in the workplace.

The attached list of **401** industry or trade association certification examinations, professional licenses, and occupational competency assessments meets the Board’s requirements in 8 VAC 20-131-50.H.3 (Board of Education’s Career and Technical Education Seal), 8 VAC 20-131-50.H.4 (Board of Education’s Seal of Advanced Mathematics and Technology), 8 VAC 20-131-110.C (Standard and Verified Units of Credit), 8 VAC 20-131-50.B.2 (Requirements for a Standard Diploma - Footnotes 5, 6 and 8), and 8 VAC 20-131-50.C.2 (Requirements for an Advanced Studies Diploma - Footnote 5).

Included in the attached list are **47** additional industry or trade association certification examinations and occupational competency assessments that have been identified as meeting criteria to satisfy requirements for the Career and Technical Education Seal, the Seal of Advanced Mathematics and Technology, student-selected verified credit, and the Standard Diploma graduation requirement.

Industry or trade association certification examinations, professional licenses, and occupational competency assessments are continually being revised or discontinued to stay current with technology and new techniques. These changes may be such that individual certifications are no longer available or no longer meet the Board of Education's criteria for diploma seals or student-selected verified credit, or require additional criteria. Technical changes have been made to the credential name or issuing organization of **5** certifications that were previously approved by the Board. In addition, **14** certification examinations are recommended for deletion from the Board-approved list.

Impact on Fiscal and Human Resources:

State funds will be used to assist students to become certified. Federal Perkins CTE funds may be used to help teachers, programs, and students become certified.

Timetable for Further Review/Action:

After final approval, a Superintendent's Memorandum will notify school divisions of the technical changes and additions to and deletions from the list of industry certifications, occupational competency assessments, and licenses.

Superintendent's Recommendation:

The Superintendent of Public Instruction recommends that the Board of Education receive for first review the revised list of industry certification examinations, occupational competency assessments, and licenses to meet the requirements for the Board of Education's Career and Technical Education and Advanced Mathematics and Technology Seals, student-selected verified credit, and the Standard Diploma graduation requirement.

TECHNICAL CHANGES

Business and Information Technology

1. ~~Global Standard (GS4) Certification Examination~~ IC3 Digital Literacy Certification Examination (Certiport)

Family and Consumer Sciences

1. ~~Hospitality and Tourism Management Examinations, (Pass Level 1 and/or Level 2)~~ Certified Hospitality and Tourism Management Professional Examination (Must Pass Level 1 and Level 2) (American Hotel and Lodging Association (AH&LA))

Health and Medical Sciences

1. Nationally Registered Certified Dental Assistant (NRCDA) Examination (National Association of Health Professionals (NAHP))

Marketing

1. ~~Hospitality and Tourism Management Examinations, (Pass Level 1 and/or Level 2)~~ Certified Hospitality and Tourism Management Professional Examination (Must Pass Level 1 and Level 2) (American Hotel and Lodging Association (AH&LA))

Trade and Industrial Education

1. Cisco Certified Networking Professional (CCNP) Routing and Switching Examination (Must pass all 3 exams) (CiscoSystems, Inc.)

ADDITIONS

Business and Information Technology

1. Certified Internet Web (CIW) Advanced HTML5 and CSS3 Specialist Examination (Certification Partners, LLC)
2. Certified Internet Web (CIW) Data Analyst Examination (Certification Partners, LLC)
3. Certified Internet Web (CIW) Database Design Specialist Examination (Certification Partners, LLC)
4. Certified Internet Web (CIW) E-Commerce Services Specialist Examination (Certification Partners, LLC)
5. Certified Internet Web (CIW) Internet Business Associate Examination (Certification Partners, LLC)
6. Certified Internet Web (CIW) JavaScript Specialist Examination (Certification Partners, LLC)
7. Certified Internet Web (CIW) Mobile Application Developer Examination (Certification Partners, LLC)
8. Certified Internet Web (CIW) Multimedia Specialist Examination (Certification Partners, LLC)
9. Certified Internet Web (CIW) Network Technology Associate Examination (Certification Partners, LLC)
10. Certified Internet Web (CIW) Perl Specialist Examination (Certification Partners, LLC)
11. Certified Internet Web (CIW) Site Development Associate Examination (Certification Partners, LLC)
12. Certified Internet Web (CIW) Social Media Strategist Examination (Certification Partners, LLC)
13. Certified Internet Web (CIW) User Interface Designer Examination (Certification Partners, LLC)
14. Certified Internet Web (CIW) Web Design Specialist Examination (Certification Partners, LLC)
15. Certified Internet Web (CIW) Web Security Specialist Examination (Certification Partners, LLC)

Family and Consumer Sciences

1. Certified Front Desk Representative Examination (American Hotel and Lodging Association (AH&LA)) (Also listed in Marketing Education)
2. Certified Guest Service Professional Examination (American Hotel and Lodging Association (AH&LA)) (Also listed in Marketing Education)
3. Certified Restaurant Server Examination (American Hotel and Lodging Association (AH&LA))
4. Early Childhood Development and Services Assessment (National Occupational Competency Testing Institute (NOCTI))
5. Family and Community Services Assessment (National Occupational Competency Testing Institute (NOCTI))
6. Interior Decorating and Design Assessment (National Occupational Competency Testing Institute (NOCTI))
7. Leadership Fundamentals Assessment (American Association of Family and Consumer Sciences (AAFCS))
8. Personal Care Services Assessment (National Occupational Competency Testing Institute (NOCTI))

Health and Medical Sciences Education

1. Certified Pharmacy Technician (CPhT) Examination (American Allied Health (AAH))
2. Certified Dental Assistant: Anatomy, Morphology and Physiology (AMP) Examination (Dental Assisting National Board, Inc.)

3. Certified Pharmacy Technician Examination (National Healthcare Association (NHA))

Marketing Education

1. Certified Front Desk Representative Examination (American Hotel and Lodging Association (AH&LA)) (Also listed in Family and Consumer Sciences – excluded from total count)
2. Certified Guest Service Professional Examination (American Hotel and Lodging Association (AH&LA)) (Also listed in Family and Consumer Sciences – excluded from total count)

Technology Education

1. ArcGIS Desktop Entry Certification Examination (Environmental Systems Research Institute (ERSI))
2. ArcGIS Desktop Associate Certification Examination (Environmental Systems Research Institute (ERSI))

Trade and Industrial Education

1. Air Conditioning Employment Ready Examination (HVAC Excellence)
2. Basic Refrigeration & Charging Procedures Employment Ready Examination (HVAC Excellence)
3. Carbon Monoxide & Combustion Analysis Employment Ready Examination (HVAC Excellence)
4. Carbon Monoxide Safety Employment Ready Examination (HVAC Excellence)
5. Combustion Application Zone (CAZ) Employment Ready Examination (HVAC Excellence)
6. Criminal Justice Advanced Assessment (National Occupational Competency Testing Institute (NOCTI))
7. Cybersecurity Analyst (CSA+) (CompTIA)
8. Electric Heat Employment Ready Examination (HVAC Excellence)
9. Electric Power and Distribution Employment Ready Examination (HVAC Excellence)
10. Electrical Employment Ready Examination (HVAC Excellence)
11. Fuel Oil Consumption Employment Ready Examination (HVAC Excellence)
12. Gas Heat Employment Ready Examination (HVAC Excellence)
13. Heat Pump Employment Ready Examination (HVAC Excellence)
14. Industrial Electricity Assessment (National Occupational Competency Testing Institute (NOCTI))
15. Legal Services Assessment (National Occupational Competency Testing Institute (NOCTI))
16. Light Commercial Refrigeration Employment Ready Examination (HVAC Excellence)
17. Natural Gas Combustion Employment Ready Examination (HVAC Excellence)
18. Residential & Light Commercial Hydronic Heat Employment Ready Examination (HVAC Excellence)
19. Security and Protective Services Assessment (National Occupational Competency Testing Institute (NOCTI))

Examinations

1. Advanced Placement (AP) Computer Science Principles (The College Board)

DELETIONS (Credentials discontinued by providers)

Agricultural Education

1. Agribusiness Examination (New York State Department of Education (Cornell University))

2. Agricultural Mechanics and Technology Examination (New York State Department of Education (Cornell University))
3. Equine Science Examination (New York State Department of Education (Cornell University))
4. Pork Quality Assurance Certification Assessment (National Pork Board/Virginia Cooperative Extension)
5. Small Animal Care Examination (New York State Department of Education (Cornell University))

Trade and Industrial Education

1. Carpentry Level One, National Construction Career Test (National Center for Construction Education & Research (NCCER))
2. Core: Introductory Craft Skills, National Construction Career Test (National Center for Construction Education & Research (NCCER))
3. Construction Technology, National Construction Career Test (National Center for Construction Education & Research (NCCER))
4. Edison Electric Institute EEI Employment Test Batteries (Pass any one test) (Edison Electric Institute (EEI))
5. Electrical, National Construction Career Test (National Center for Construction Education & Research (NCCER))
6. HVAC, National Construction Career Test (National Center for Construction Education & Research (NCCER))
7. Heavy Equipment Operations Level One, National Construction Career Test (National Center for Construction Education & Research (NCCER))
8. Masonry Level One, National Construction Career Test (National Center for Construction Education & Research (NCCER))
9. Welding, National Construction Career Test (National Center for Construction Education & Research (NCCER))

**2016-2017 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / _____

One student-selected verified credit may be awarded for passing one certification or licensure examination when the student earns one standard unit of credit in a career and technical education concentration.

Two student-selected verified credits may be awarded for students who complete a career and technical education concentration and pass two certifications or licensure examinations. The first must be substituted for the student-selected verified credit and the second may be substituted for either a science or history and social science verified credit.

Any one certification or licensure examination identified in this document will satisfy the Standard Diploma requirement for graduation.

Students are eligible to earn diploma seals by passing one of the credentials or licensure examinations in this document as well as completing the requirements set forth in 8 VAC 20-131-50.H.3, 4.

NAME OF CREDENTIAL	ISSUING ORGANIZATION
AGRICULTURAL EDUCATION	
Agricultural Biotechnology Assessment	National Occupational Competency Testing Institute (NOCTI)
Agriculture Mechanics Assessment	National Occupational Competency Testing Institute (NOCTI)
Animal Systems Assessment	National Occupational Competency Testing Institute (NOCTI)
Basic Canine Care & Handling - Level 1 Certification Examination	Continental Kennel Club, Inc.
Beef Quality Assurance Certification Assessment	National Beef Quality Assurance/ Virginia Cooperative Extension
Certified Veterinary Assistant Examination	American Allied Health (AAH)
Certified Veterinary Assistant Examination	Animal Care Technologies
Conservation Assessment	National Occupational Competency Testing Institute (NOCTI)
Floriculture Assessment	National Occupational Competency Testing Institute (NOCTI)
Floriculture-Greenhouse Assessment	National Occupational Competency Testing Institute (NOCTI)
Food Safety & Science Certification Examination	American Meat Science Association (Exam is administered by iCEV)
Forestry Products & Processing Assessment	National Occupational Competency Testing Institute (NOCTI)
Fundamentals of Animal Science Certification Examination	Elanco (Exam is administered by iCEV)
Greenhouse Operators Certification Examination	Southeast Greenhouse Growers Association/Virginia Flower Growers Association
Horticulture-Landscaping Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Landscape Management Certification Examination	Green Industry Web Portal
Master Service Technician Examinations (Pass any one exam)	Briggs & Stratton Corporation
Meat Evaluation Certification Examination	American Meat Science Association (Exam is administered by iCEV)
Natural Resource Systems Assessment	National Occupational Competency Testing Institute (NOCTI)
Outdoor Power Equipment Technician Certification Tests (Pass any one test)	Equipment and Engine Training Council
Pet Sitters Certification Examination	National Association Professional Pet Sitters
Plant Science Certification Examination	Bayer CropScience (Exam is administered by iCEV)
Power Equipment Technology Examination	SkillsUSA
Principles of Floral Design Certification Examination	Benz School of Floral Design (Exam is administered by iCEV)
Principles of Livestock Selection and Evaluation Certification Examination	National Collegiate Livestock Coaches Association (Exam is administered by iCEV)
Production Agriculture Assessment	National Occupational Competency Testing Institute (NOCTI)
Professional Communications Certification Examination	Southwest Airlines (Exam is administered by iCEV)
Small Animal Science and Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Small Engine Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Urban Forestry Certification Test	Green Industry Web Portal
Veterinary Medical Applications Certification Examination	Elanco (Exam is administered by iCEV)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
BUSINESS AND INFORMATION TECHNOLOGY	
Accounting—Basic Assessment	National Occupational Competency Testing Institute (NOCTI)
Accounting—Advanced Assessment	National Occupational Competency Testing Institute (NOCTI)
Administrative Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)
Administrative Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Adobe Certified Associate Examinations (Pass any one exam)	Adobe Systems Incorporated
Apple Certified Pro Examinations (Pass any one exam)	Apple, Inc.
Banking and Related Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Business Financial Management Assessment	National Occupational Competency Testing Institute (NOCTI)
Business Information Processing Assessment	National Occupational Competency Testing Institute (NOCTI)
Certified Electronic Health Record Specialist (CEHRS) Examination	National Healthcareer Association
Certified Internet Web (CIW) Professional Examinations (Pass any one exam) <u>(Issuing Organization Requested Examinations To Be Listed Separately)</u>	Certification Partners, LLC
Certified Internet Web (CIW) Advanced HTML5 and CSS3 Specialist Examination	Certification Partners, LLC
Certified Internet Web (CIW) Data Analyst Examination	Certification Partners, LLC
Certified Internet Web (CIW) Database Design Specialist Examination	Certification Partners, LLC
Certified Internet Web (CIW) E-Commerce Services Specialist Examination	Certification Partners, LLC

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One student-selected verified credit may be awarded for passing one certification or licensure examination when the student earns one standard unit of credit in a career and technical education concentration.

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Certified Internet Web (CIW) Internet Business Associate Examination	Certification Partners, LLC
Certified Internet Web (CIW) JavaScript Specialist Examination	Certification Partners, LLC
Certified Internet Web (CIW) Mobile Application Developer Examination	Certification Partners, LLC
Certified Internet Web (CIW) Multimedia Specialist Examination	Certification Partners, LLC
Certified Internet Web (CIW) Network Technology Associate Examination	Certification Partners, LLC
Certified Internet Web (CIW) Perl Specialist Examination	Certification Partners, LLC
Certified Internet Web (CIW) Site Development Associate Examination	Certification Partners, LLC
Certified Internet Web (CIW) Social Media Strategist Examination	Certification Partners, LLC
Certified Internet Web (CIW) User Interface Designer Examination	Certification Partners, LLC
Certified Internet Web (CIW) Web Design Specialist Examination	Certification Partners, LLC
Certified Internet Web (CIW) Web Security Specialist Examination	Certification Partners, LLC
Certified Medical Administrative Assistant (CMAA) Examination	National Healthcareer Association
Certified Novell Administrator (CNA) Examination	Novell
Computer Programming Assessment	National Occupational Competency Testing Institute (NOCTI)
Desktop Publishing Certification Tests (Pass any one test)	Brainbench
Financial and Investment Planning Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Financial and Managerial Accounting Assessment	National Occupational Competency Testing Institute (NOCTI)
Fundamental Business Concepts Assessment	ASK Business Institute
General Management Assessment	National Occupational Competency Testing Institute (NOCTI)
Global Standard (GS4) Certification Examination <u>IC3 Digital Literacy Certification Examination</u>	Certiport
Human Resources Management Assessment	National Occupational Competency Testing Institute (NOCTI)
Interactive Media Assessment	National Occupational Competency Testing Institute (NOCTI)
Intuit QuickBooks Certified User Certification Test	Certiport
Linux+ Examinations—Powered by Linux Professional Institute (LPI) (Must pass both exams)	CompTIA
Microsoft Certified Professional Examinations (Pass any one qualifying exam)	Microsoft
Microsoft Office Specialist (MOS) Examinations (Pass any one exam)	Microsoft
Microsoft Technology Associate (MTA) Examinations (Pass any one exam)	Microsoft
Network Administration Certification Tests (Pass any one test)	Brainbench
Network Pro Certification Examination	Test Out Corporation
Network+ Certification Examination	CompTIA
Oracle Certification Examinations (Pass any one exam)	Oracle Corporation
Oracle Certified Junior Associate Examinations (Pass any one exam)	Oracle Corporation

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
PC Pro Certification Assessment	Test Out Corporation
Security Pro Certification Assessment	Test Out Corporation
Security+ Certification Examination	CompTIA
Software Development Certification Tests (Pass any one test)	Brainbench
Systems Administration Certification Tests (Pass any one test)	Brainbench
Technical Support Certification Tests (Pass any one test)	Brainbench
Virtual Enterprise Certification Assessment	Virtual Enterprise (Exam is administered by NOCTI)
WISE Financial Literacy Certification Test	Working in Support of Education (WISE)
Web Administration Certification Tests (Pass any one test)	Brainbench
Web Design and Development Certification Tests (Pass any one test)	Brainbench
Web Design Assessment	National Occupational Competency Testing Institute (NOCTI)
CAREER READINESS CREDENTIALS	
College and Work Readiness Assessment (CWRA+)	Council for Aid to Education
National Career Readiness Certificate Assessment	ACT WorkKeys®
Workplace Readiness Skills for the Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
FAMILY AND CONSUMER SCIENCES EDUCATION	
ACF Culinary Arts Certification Assessment	American Culinary Federation, Inc. (Exam is administered by NOCTI)
ACF Retail Commercial Baking Certification Assessment	American Culinary Federation, Inc. (Exam is administered by NOCTI)
Broad Field Family and Consumer Sciences Assessment	American Association of Family and Consumer Sciences (AAFCS)
Certified Front Desk Representative Examination (also listed in Marketing Education)	American Hotel and Lodging Association (AH&LA)
Certified Guest Service Professional Examination (also listed in Marketing Education)	American Hotel and Lodging Association (AH&LA)
<u>Hospitality and Tourism Management Examinations, (Pass Level 1 and/or Level 2) Certified Hospitality and Tourism Management Professional Examination (Must Pass Level 1 and Level 2) (also listed in Marketing Education)</u>	American Hotel and Lodging Association (AH&LA)
Certified Restaurant Server Examination	American Hotel and Lodging Association (AH&LA)
Child Development Associate (CDA) Assessment	Child Development Associates (CDA) Council
Commercial Baking Examination	SkillsUSA
Commercial Foods Assessment	National Occupational Competency Testing Institute (NOCTI)
Culinary Arts Assessment	American Association of Family and Consumer Sciences (AAFCS)
Culinary Arts Examination	SkillsUSA
Culinary Arts Level 1 Prep Cook Assessment	National Occupational Competency Testing Institute (NOCTI)
Culinary Arts Level 2 Cook Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Early Childhood Education and Care—Advanced Assessment	National Occupational Competency Testing Institute (NOCTI)
Early Childhood Education and Care—Basic Assessment	National Occupational Competency Testing Institute (NOCTI)
Early Childhood Education Assessment	American Association of Family and Consumer Sciences (AAFCS)
Early Childhood Development and Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Education and Training Assessment	National Occupational Competency Testing Institute (NOCTI)
Education Fundamentals Assessment	American Association of Family and Consumer Sciences (AAFCS)
Family and Community Services Assessment	American Association of Family and Consumer Sciences (AAFCS)
Family and Community Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Fashion, Textiles, and Apparel Assessment	American Association of Family and Consumer Sciences (AAFCS)
Food Science Fundamentals Assessment	American Association of Family and Consumer Sciences (AAFCS)
Hospitality Management—Food and Beverage Assessment	National Occupational Competency Testing Institute (NOCTI)
Hospitality Management—Lodging Assessment	National Occupational Competency Testing Institute (NOCTI)
Housing and Furnishings Assessment	American Association of Family and Consumer Sciences (AAFCS)
Interior Decorating and Design Assessment	National Occupational Competency Testing Institute (NOCTI)
Interior Design Fundamentals Assessment	American Association of Family and Consumer Sciences (AAFCS)
Leadership Fundamentals Assessment	American Association of Family and Consumer Sciences (AAFCS)

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One student-selected verified credit may be awarded for passing one certification or licensure examination when the student earns one standard unit of credit in a career and technical education concentration.

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Any one certification or licensure examination identified in this document will satisfy the Standard Diploma requirement for graduation.

Students are eligible to earn diploma seals by passing one of the credentials or licensure examinations in this document as well as completing the requirements set forth in 8 VAC 20-131-50.H.3, 4.

NAME OF CREDENTIAL	ISSUING ORGANIZATION
ManageFirst Credentialing Examinations (Pass any one exam)	Educational Foundation of the National Restaurant Association
Nutrition, Food, and Wellness Assessment	American Association of Family and Consumer Sciences (AAFCS)
ParaPro Assessment	Educational Testing Service
Personal and Family Finance Certification Assessment	American Association of Family & Consumer Sciences (AAFCS)
Personal Care Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Praxis, Part 1 Examination	Educational Testing Service
ProStart Certification Examinations (Pass Level I and/or Level 2)	Education Foundation of the National Restaurant Association
Restaurant, Food and Beverage Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Retail Commercial Baking Assessment	National Occupational Competency Testing Institute (NOCTI)
ServSafe Manager Certification Examination	Educational Foundation of the National Restaurant Association
Skills, Tasks and Results Training (START) Certification Examination	American Hotel and Lodging Association (AH&LA)
HEALTH AND MEDICAL SCIENCES EDUCATION	
AAPC Medical Coding Examinations (Pass any one exam)	American Academy of Professional Coders (AAPC)
Certified EKG Technician (CET) Examination	American Allied Health (AAH)
Certified Optometric Assistant (COA) Examination	American Allied Health (AAH)
Certified Patient Care Technician (CPCT) Examination	American Allied Health (AAH)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Certified Pharmacy Technician (CPhT) Examination	American Allied Health (AAH)
Certified Phlebotomy Technician (CPT) Examination	American Allied Health (AAH)
Certified Physical Therapy Aide (CPTA) Examination	American Allied Health (AAH)
Limited Licensed Radiology Technologist (LLRT) Examination	American Allied Health (AAH)
Medical Coding and Billing Specialist (MCBS) Examination	American Allied Health (AAH)
Registered Medical Assistant (RMA) Examination	American Allied Health (AAH)
Billing Coding Specialist Certification (BCSC) Examination	American Medical Certification Association (AMCA)
Dental Support Technician Certification (DSTC) Examination	American Medical Certification Association (AMCA)
Mental Health Technician Certification (MHTC) Examination	American Medical Certification Association (AMCA)
Patient Care Technician Certification (PCTC) Examination	American Medical Certification Association (AMCA)
Clinical Medical Assistant Certification (CMAC) Examination	American Medical Certification Association (AMCA)
Physical Therapy Aide Certification (PTAC) Examination	American Medical Certification Association (AMCA)
Medical Administration Assistant Certification (MAAC) Examination	American Medical Certification Association (AMCA)
Electronic Health Record Certification (EHRC) Examination	American Medical Certification Association (AMCA)
Certified Dental Assistant: Infection Control Examination (ICE)	Dental Assisting National Board, Inc.
Certified Dental Assistant: Radiation Health & Safety (RHS) Examination	Dental Assisting National Board, Inc.

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Certified Dental Assistant: Anatomy, Morphology and Physiology (AMP) Examination	Dental Assisting National Board, Inc.
Certified Emergency Telecommunicator Examination	International Academies of Emergency Dispatch (IAED)
Certified Registered Central Service Technician (CRCST) Examination	International Association of Central Service Materials Management (IAHCSMM)
Certified Personal Trainer Examination	National Academy of Sports Medicine (NASM)
Nationally Registered Certified Administrative Health Assistant (NRCAHA) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Billing and Coding Specialist (NRCBCS) Examination— (Listed in Error Issuing Organization Requested Removal)	National Association for Health Professionals (NAHP)
Nationally Registered Certified Coding Specialist (NRCCS) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified EKG Technician (NRCEKGT) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Patient Care Technician (NRCPT) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Pharmacy Technician (NRCPhT) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Phlebotomy Technician (NRCPT) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Surgical Technician (NRCST) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Dental Assistant (NRCDA) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Medical Assistant (NRCMA) Examination	National Association for Health Professionals (NAHP)
Certified Surgical Technologist (CST) Examination	National Board of Surgical Technology and Surgical Assisting (NBSTSA)
National Certified Insurance and Coding Specialist (NCICS) Examination	National Center for Competency Testing (NCCT)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
National Certified Medical Assistant (NCMA) Examination	National Center for Competency Testing (NCCT)
National Certified Patient Care Technician (NCPCT) Examination	National Center for Competency Testing (NCCT)
National Certified Phlebotomy Technician (NCPT) Examination	National Center for Competency Testing (NCCT)
Tech in Surgery-Certified (TS-C) Examination	National Center for Competency Testing (NCCT)
National Health Science Assessment	National Consortium for Health Science Education
Certified Clinical Medical Assistant (CCMA) Examination	National Healthcareer Association (NHA)
Certified EKG Technician (CET) Examination	National Healthcareer Association (NHA)
Certified Pharmacy Technician (ExCPT) Examination	National Healthcareer Association (NHA)
Certified Phlebotomy Technician (CPT) Examination	National Healthcareer Association (NHA)
Dental Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)
Diagnostic Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Health Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)
Health Informatics Assessment	National Occupational Competency Testing Institute (NOCTI)
Home Health Aide Assessment	National Occupational Competency Testing Institute (NOCTI)
Medical Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)
Nursing Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Practical Nursing Assessment	National Occupational Competency Testing Institute (NOCTI)
Therapeutic Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Nurse Assisting Examination	SkillsUSA
MARKETING	
Advanced Customer Service and Sales Certification Assessment	National Retail Federation Foundation
Certified Front Desk Representative Examination (also listed in Family & Consumer Sciences Education)	American Hotel and Lodging Association (AH&LA)
Certified Guest Service Professional Examination (also listed in Family & Consumer Sciences Education)	American Hotel and Lodging Association (AH&LA)
Hospitality and Tourism Management Examinations, (Pass Level 1 and/or Level 2) <u>Certified Hospitality and Tourism Management Professional Examination (Must Pass Level 1 and Level 2)</u> (also listed in Family & Consumer Sciences Education)	American Hotel and Lodging Association (AH&LA)
Concepts of Entrepreneurship and Management Assessment	ASK Business Institute
Concepts of Finance Assessment	ASK Business Institute
Customer Service and Sales Certification Assessment	National Retail Federation Foundation
Fashion Merchandising Assessment	National Occupational Competency Testing Institute (NOCTI)
Fundamental Marketing Concepts Assessment	ASK Business Institute
Lodging Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Recreation, Amusements, and Attractions Assessment	National Occupational Competency Testing Institute (NOCTI)
Retail Management Certification Assessment	National Retail Federation Foundation
Retail Merchandising Assessment	National Occupational Competency Testing Institute (NOCTI)
Travel and Tourism Assessment	National Occupational Competency Testing Institute (NOCTI)
MILITARY SCIENCE	
Armed Services Vocational Aptitude Battery Examination	United States Military Entrance Processing Command
TECHNOLOGY EDUCATION	
3D Visualization & Animation Examination	SkillsUSA
ArcGIS Desktop Entry Certification Examination	Environmental Systems Research Institute (ESRI)
ArcGIS Desktop Associate Certification Examination	Environmental Systems Research Institute (ESRI)
Architectural Apprentice Drafter Examination (also listed in Trade and Industrial Education)	American Design Drafting Association (ADDA)
Architectural Certified Drafter Examination (also listed in Trade and Industrial Education)	American Design Drafting Association (ADDA)
Architectural Drafting Assessment	National Occupational Competency Testing Institute (NOCTI)
Architectural Drafting Examination	SkillsUSA
AutoCAD Certification Tests (Pass any one test)	Brainbench
Autodesk Certified User Examinations (Pass any one exam)	Autodesk

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Automated Manufacturing Technology Examination	SkillsUSA
Biotechnology Assessment	National Occupational Competency Testing Institute (NOCTI)
Certified Logistics Associate (CLA) Examination	Manufacturing Skills Standards Council (MSSC)
Certified Logistics Technician (CLT) Associate Examination	Manufacturing Skills Standards Council (MSSC)
Certified SOLIDWORKS Associate Examination	SOLIDWORKS Corporation
Electronics Application/Electronics Technology Examination	SkillsUSA
Electronics Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Energy Industry Fundamentals Certificate Assessment	Center for Energy Workforce Development
Engineering Technology Examination	SkillsUSA
Logistics Technology/Distribution Center Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Manufacturing Specialist Certification Examination	Manufacturing Skills Institute
Manufacturing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Manufacturing Technician Level 1 Certification Examination	Manufacturing Skills Institute
Mechanical Apprentice Drafter Examination (also listed in Trade and Industrial Education)	American Design Drafting Association (ADDA)
Mechanical Certified Drafter Examination (also listed in Trade and Industrial Education)	American Design Drafting Association (ADDA)
Mechanical Drafting and Design Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Performing Arts Assessment (also listed in Trade and Industrial Education)	National Occupational Competency Testing Institute (NOCTI)
Pre-Engineering Certification Examination	Robotics Education Competition (REC) Foundation- Hostedware Corporation
Pre-Engineering/Engineering Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Project Lead the Way Tests (Pass any one end-of-course test)	Project Lead The Way
Robotics and Automation Examination	SkillsUSA
Robotics Certification Examination	Robotics Education Competition (REC) Foundation- Hostedware Corporation
Spatial Projects And Community Exchange (SPACE) Examination	Digital Quest, Inc.
Spatial Technology and Remote Sensing (STARS) Certification Examination	Digital Quest, Inc.
Technical Drafting Examination	SkillsUSA
Technical Theater Assessment (also listed in Trade and Industrial Education)	National Occupational Competency Testing Institute (NOCTI)
TRADE AND INDUSTRIAL EDUCATION	
A+ Certification Examination	CompTIA
Advertising and Design Assessment	National Occupational Competency Testing Institute (NOCTI)
Air Conditioning Employment Ready Examination	HVAC Excellence
Air Cooled Gasoline Engines Expert Technician Test	Kohler Engines
Architectural Apprentice Drafter Examination (also listed in Technology Education)	American Design Drafting Association (ADDA)
Architectural Certified Drafter Examination (also listed in Technology Education)	American Design Drafting Association (ADDA)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Audio-Radio Production Examination	SkillsUSA
Audio-Visual Communications Assessment	National Occupational Competency Testing Institute (NOCTI)
Automotive Technician Advanced Assessment	National Occupational Competency Testing Institute (NOCTI)
Automotive Technician Core Assessment	National Occupational Competency Testing Institute (NOCTI)
ASE Student Certification Examinations (Pass any one exam from Automobile, Collision Repair and Refinish, or M/H Truck)	National Institute for Automotive Service Excellence
Basic Refrigeration & Charging Procedures Employment Ready Examination	HVAC Excellence
Broadcasting and Journalism Assessment	National Occupational Competency Testing Institute (NOCTI)
Building Construction Occupations Assessment	National Occupational Competency Testing Institute (NOCTI)
Building Science Principles Examination	Building Performance Institute
Building Trades Maintenance Assessment	National Occupational Competency Testing Institute (NOCTI)
Cabinetmaking Assessment	National Occupational Competency Testing Institute (NOCTI)
Cabinetmaking Examination	SkillsUSA
CAD Assessment	National Occupational Competency Testing Institute (NOCTI)
CAD/CAM Assessment	National Occupational Competency Testing Institute (NOCTI)
Carbon Monoxide & Combustion Analysis Employment Ready Examination	HVAC Excellence
Carbon Monoxide Safety Employment Ready Examination	HVAC Excellence

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Carpentry Level One - Entry Level Assessment	National Center for Construction Education & Research (NCCER)
Carpentry Assessment	National Occupational Competency Testing Institute (NOCTI)
Carpentry Examination	SkillsUSA
Certified Alarm Security Technician (CAST) Examination	Electronics Technicians Association (ETA) International
Certified Broadcast Technologist (CBT) Examination	The Society of Broadcast Engineers (SBE)
Certified Electronics Technician Associate (CETa) Examination	Electronics Technicians Association (ETA) International
Certified Production Technician (CPT) Program Examinations (Pass any one exam)	Manufacturing Skill Standards Council (MSSC)
Certified Radio Operator (CRO) Examination	The Society of Broadcast Engineers (SBE)
Certified Satellite Installer (CSI) Examination	Electronics Technicians Association (ETA) International
Certified Television Operator (CTO) Examination	The Society of Broadcast Engineers (SBE)
Cisco Certified Entry Networking Technician (CCENT) Examination	CiscoSystems, Inc.
Cisco Certified Networking Associate (CCNA) Routing & Switching Examination	CiscoSystems, Inc.
Cisco Certified Networking Associate (CCNA) Security Examination	CiscoSystems, Inc.
Cisco Certified Networking Professional (CCNP) Routing and Switching Examination <u>(Must pass all 3 exams)</u>	CiscoSystems, Inc.
Cisco Certified Networking Professional (CCNP) Security Examination	CiscoSystems, Inc.
CNC Milling and Turning Examination	SkillsUSA

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Collision Repair and Refinishing Technician Examinations (ASE)-(Pass any one exam) (see ASE Student Certification Examination)	National Institute for Automotive Service Excellence
Collision Repair and Refinishing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Collision Repair Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Combustion Appliance Zone (CAZ) Employment Ready Examination	HVAC Excellence
CompTIA IT Fundamentals Certification Examination	CompTIA
Computer Maintenance Technology Examination	SkillsUSA
Computer Networking Fundamentals Assessment	National Occupational Competency Testing Institute (NOCTI)
Computer Repair Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Computer Service Technician (CST) Examination	Electronics Technicians Association (ETA) International
Computer Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Construction Assessment	National Occupational Competency Testing Institute (NOCTI)
Construction Masonry-Block Assessment	National Occupational Competency Testing Institute (NOCTI)
Construction Masonry-Brick Assessment	National Occupational Competency Testing Institute (NOCTI)
Construction Technologist - Entry Level Assessment	National Center for Constructional Education & Research (NCCER)
Core: Introductory Craft Skills Entry-Level Assessment	National Center For Construction Education & Research (NCCER)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Cosmetology Assessment	National Occupational Competency Testing Institute (NOCTI)
Cosmetology Examination	SkillsUSA
Criminal Justice and CSI Examination	SkillsUSA
Criminal Justice Assessment	National Occupational Competency Testing Institute (NOCTI)
Criminal Justice Advanced Assessment	National Occupational Competency Testing Institute (NOCTI)
Customer Service Examination	SkillsUSA
Customer Service Specialist (CSS) Examination	Electronics Technicians Association (ETA) International
Cybersecurity Analyst (CSA+) Examination	CompTIA
Data Cabling Installer (DCI) Examination	Electronics Technicians Association (ETA) International
Design and Preconstruction Assessment	National Occupational Competency Testing Institute (NOCTI)
Diesel Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Electric Heat Employment Ready Examination	HVAC Excellence
Electric Power and Distribution Assessment	National Occupational Competency Testing Institute (NOCTI)
Electrical Construction Wiring (Residential Wiring) Examination	SkillsUSA
Electrical Employment Ready Examination	HVAC Excellence
Electrical Occupations Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Electrical Construction Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Electrician Level One - Entry-Level Assessment	National Center For Construction Education & Research (NCCER)
Electronics Assessment	National Occupational Competency Testing Institute (NOCTI)
Electronics Module: AC (EM2) Examination	Electronics Technicians Association (ETA) International
Electronics Module: Analog (EM3) Examination	Electronics Technicians Association (ETA) International
Electronics Module: Comprehensive (EM5) Examination	Electronics Technicians Association (ETA) International
Electronics Module: DC (EM1) Examination	Electronics Technicians Association (ETA) International
Electronics Module: Digital (EM4) Examination	Electronics Technicians Association (ETA) International
Emergency and Fire Management Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Emergency Medical Services Assessment	National Occupational Competency Testing Institute (NOCTI)
EPA Technician Examinations (Pass Levels I, II, or III)	Environmental Protection Agency (Authorized Entity)
Fiber Optics Installer (FOI) Examination	Electronics Technicians Association (ETA) International
Firefighter I Certification Examination	Virginia Department of Fire Programs
Firefighter II Certification Examination	Virginia Department of Fire Programs
Fuel Oil Consumption Employment Ready Examination	HVAC Excellence
Fundamentals of Construction Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Gas Heat Employment Ready Examination	HVAC Excellence
General Communications Technician - Level 1 (GCT1) Examination	Electronics Technicians Association (ETA) International
General Radiotelephone Operator (GRO) Examination Moved to Professional Licenses Section	Federal Communications Commission (FCC)
Global Logistics Associate Examination	American Society of Transportation & Logistics
Graphic Production Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Heat Pump Employment Ready Examination	HVAC Excellence
Heating, Electrical, Air Conditioning Technology (HEAT) Examinations (Pass any one exam)	HVAC Excellence
Heating, Ventilation, Air Conditioning & Refrigeration (HVAC/R) Assessment	National Occupational Competency Testing Institute (NOCTI)
Heating, Ventilation, Air Conditioning (HVAC) Assessment	National Occupational Competency Testing Institute (NOCTI)
Heavy Equipment Operator Level One Entry-Level Assessment	National Center For Construction Education & Research (NCCER)
HVAC Level One Entry-Level Assessment	National Center For Construction Education & Research (NCCER)
ICC Certificates of Achievement Examinations (Pass any one exam)	International Code Council (ICC)
Industrial Electricity Assessment	National Occupational Competency Testing Institute (NOCTI)
Industrial Electronics Assessment	National Occupational Competency Testing Institute (NOCTI)
Industrial Maintenance Mechanics Assessment	National Occupational Competency Testing Institute (NOCTI)
Installer (or Service) Core (HVAC/R) Examination	North American Technician Excellence, Inc. (NATE)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Internetworking Examination	SkillsUSA
Legal Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Light Commercial Refrigeration Employment Ready Examination	HVAC Excellence
Machining - Level I Examinations (Pass any one exam with performance component)	National Institute for Metalworking Skills (NIMS)
Maintenance Operations Assessment	National Occupational Competency Testing Institute (NOCTI)
Marine Service Technology Examination	SkillsUSA
Masonry Examination	SkillsUSA
Masonry Level One Entry-Level Assessment	National Center For Construction Education & Research (NCCER)
Mechanical Apprentice Drafter Examination (also listed in Technology Education)	American Design Drafting Association (ADDA)
Mechanical Certified Drafter Examination (also listed in Technology Education)	American Design Drafting Association (ADDA)
Mechatronic Systems Certification Examinations (Pass any one exam)	Siemens AG
Mechatronics-Level 1 Assessment	National Occupational Competency Testing Institute (NOCTI)
Media Composer Certification Examinations (Pass any one exam)	Avid
Mobile Communications and Electronics Installer (MCEI) Examination	Electronics Technicians Association (ETA) International
Mobile Electronics Certified Professional (MECP) Basic Installation Technician Examination	Consumer Electronics Association
Motorcycle Service Technology Examination	SkillsUSA

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Nail Care Examination	SkillsUSA
Natural Gas Combustion Employment Ready Examination	HVAC Excellence
Network Cabling Specialist Certification Examination	C-Tech Associates, Inc.
Non-Structural Technician - ProLevel 1 Certification Test	ICAR
Performing Arts Assessment (also listed in Technology Education)	National Occupational Competency Testing Institute (NOCTI)
Photography Examination	SkillsUSA
Photovoltaic Installer - Level 1 (PV1-LVL1) Examination	Electronics Technicians Association (ETA) International
Plumbing Assessment	National Occupational Competency Testing Institute (NOCTI)
Plumbing Examination	SkillsUSA
Plumbing-Heating-Cooling Contractors Educational Foundation Examinations (Pass any one exam)	Plumbing-Heating-Cooling Contractors (PHCC) Educational Foundation (Exam is administered by NOCTI)
Plumbing Level One Entry-Level Assessment	National Center For Construction Education & Research (NCCER)
Pre-Apprenticeship Certificate Training (PACT) Assessments (Pass any one assessment)	Home Builders Institute (HBI) (Assessment is administered by NOCTI)
Precision Machining Assessment	National Occupational Competency Testing Institute (NOCTI)
PrintED Certification Examinations (Pass any one exam)	Graphic Arts Education and Research Foundation (Exams are administered by SkillsUSA)
Protective Services Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Refinish Technician - ProLevel 1 CertificationTest	ICAR
Residential & Light Commercial Hydronic Heat Employment Ready Examination	HVAC Excellence
Residential Construction Academy Examinations (Pass any one exam)	Home Builders Institute (HBI) (Exam is administered by NOCTI)
Security and Protective Services Assessment	National Occupational Competency Testing Institute (NOCTI)
SENSE Training Program Certification Examination (Level 1, Entry-Level Welder)	American Welding Society (AWS)
Student Electronics Technician (SET) Examination	Electronics Technicians Association (ETA) International
Technical Drafting Assessment	National Occupational Competency Testing Institute (NOCTI)
Technical Theater Assessment (also listed in Technology Education)	National Occupational Competency Testing Institute (NOCTI)
Telecommunications Electronics Technician (TCM) Examination	Electronics Technicians Association (ETA) International
Television Production Assessment	National Occupational Competency Testing Institute (NOCTI)
Television Video Production Examination	SkillsUSA
Visual Arts Assessment	National Occupational Competency Testing Institute (NOCTI)
Visual Communication and Multimedia Design Assessment	National Occupational Competency Testing Institute (NOCTI)
Welding Assessment	National Occupational Competency Testing Institute (NOCTI)
Welding Examination	SkillsUSA
Welding Level One Entry-Level Assessment	National Center For Construction Education & Research (NCCER)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
PROFESSIONAL LICENSES	
Barbers Examination	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)
Commercial Pesticide Applicator Certification Examination	Virginia Department of Agriculture and Consumer Services
Cosmetology Examination	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)
Emergency Medical Responder Examination	Department of Health, Office of Emergency Medical Services
Emergency Medical Technician Examination	Department of Health, Office of Emergency Medical Services
FAA Private Pilot Written Test	Federal Aviation Administration
General Radiotelephone Operator (GRO) Examination	Federal Communications Commission (FCC)
Licensed Practical Nurse Examination	Virginia Board of Nursing
Nail Technician Examination	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)
National Nurse Aide Assessment Program (NNAAP) Examination	Virginia Board of Nursing
Private Applicator Certification Examination	Virginia Department of Agriculture and Consumer Services
Real Estate Salesperson Examination	Virginia Real Estate Board (Virginia Department of Professional and Occupational Regulation)
Registered Technician Certification Examination	Virginia Department of Agriculture and Consumer Services
Virginia Pharmacy Technician Examination	Virginia Board of Pharmacy

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
EXAMINATIONS	
Advanced Placement (AP) Computer Science A Examination	The College Board
Advanced Placement (AP) Computer Science Principles	The College Board
College Level Examination Program (CLEP): Financial Accounting Examination	The College Board
College Level Examination Program (CLEP): Information Systems and Computer Applications	The College Board
College Level Examination Program (CLEP): Introductory Business Law	The College Board
College Level Examination Program (CLEP): Principles of Management	The College Board
College Level Examination Program (CLEP): Principles of Marketing	The College Board
International Baccalaureate Computer Science (Standard Level) Examination	The International Baccalaureate Organization
International Baccalaureate Computer Science (Higher Level) Examination	The International Baccalaureate Organization
International Baccalaureate Design Technology (Standard Level) Examination	The International Baccalaureate Organization
International Baccalaureate Design Technology (Higher Level) Examination	The International Baccalaureate Organization
International Baccalaureate for Business and Management (Standard Level) Examination	The International Baccalaureate Organization
International Baccalaureate Information Technology in a Global Society (Standard Level) Examination	The International Baccalaureate Organization

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
DELETIONS	
Agribusiness Examination	New York State Department of Education (Cornell University)
Agricultural Mechanics and Technology Examination	New York State Department of Education (Cornell University)
Carpentry Level One, National Construction Career Test	National Center for Construction Education & Research (NCCER)
Core: Introductory Craft Skills, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Construction Technology, National Construction Career Test	National Center for Constructional Education & Research (NCCER)
Edison Electric Institute EEI Employment Test Batteries (Pass any one test)	Edison Electric Institute (EEI)
Electrical, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Equine Science Examination	New York State Department of Education (Cornell University)
HVAC, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Heavy Equipment Operations Level One, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Masonry Level One, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Pork Quality Assurance Certification Assessment	National Pork Board/Virginia Cooperative Extension
Small Animal Care Examination	New York State Department of Education (Cornell University)
Welding, National Construction Career Test	National Center For Construction Education & Research (NCCER)