

Virginia Board of Education Agenda Item



Agenda Item: F **Date:** March 26, 2015

Title	First Review of Revisions to the List of Industry or Trade Association Certification Examinations, Professional Licenses, and Occupational Competency Assessments to Meet Board Requirements.		
Presenter	Ms. Lolita B. Hall, Director, Office of Career and Technical Education Services		
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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, and April 24, 2014.

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

Action Requested:

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

April 23, 2015 – 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 college and careers.

The *Regulations Establishing Standards for Accrediting Public Schools in Virginia*, requirements for graduation 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 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 occupational competency assessment in a career and technical education concentration or specialization that confers certification or an 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*, requirements for graduation 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 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 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 that could include, but not be limited to, 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 attached list of **315** 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 Diploma - Footnote 5).

Included in the attached list are **30** 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 of **19** certifications that were previously approved by the Board. In addition, **5** 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 accept 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; and to authorize staff to make minor technical edits to the previously Board-approved list.

TECHNICAL CHANGES

Business and Information Technology

1. ~~Accounting—Complete Assessment~~ Accounting - Advanced Assessment (NOCTI)
2. ~~Linux+ Certification Examinations~~ Linux+ Powered by Linux Professional Institute (LPI) Program Examinations (Pass any one exam) (CompTIA)

Family and Consumer Sciences

1. ~~Family Services Examination~~ Family and Community Services Assessment (American Association of Family and Consumer Sciences - AAFCS)
2. ~~Interior Design Examination~~ Interior Design Fundamentals Assessment (American Association of Family and Consumer Sciences - AAFCS)

Note: In some titles the word “examination” has been replaced with “assessment.”

Health and Medical Sciences Education

1. ~~National Health Care Foundation Skills Standards Assessment~~ National Health Science Assessment (National Consortium for Health Science Education)

Marketing

1. ~~National Professional Certification in Customer Service Assessment~~ Customer Service and Sales Certification Assessment (National Retail Federation Foundation)
2. ~~National Professional Certification in Retail Management Examination~~ Retail Management Certification Assessment (National Retail Federation Foundation)
3. ~~National Professional Certification in Sales Assessment~~ Advanced Customer Service and Sales Certification Assessment (National Retail Federation Foundation)

Technology Education

1. ~~Pre-Engineering Assessment~~ Pre-Engineering/Engineering Technology Assessment (NOCTI)
2. ~~Robotics Examination~~ Robotics and Automation Technology Examination (SkillsUSA)

Trade and Industrial Education

1. ~~Basic Installer Examination, Mobile Electronics Certified Professional~~ Mobile Electronics Certified Professional (MECP) Basic Installation Technician Examination - (Consumer Electronics Association)
2. ~~Collision Repair Assessment~~ Collision Repair Technology Assessment (NOCTI)
3. ~~Construction Masonry Blocklaying Assessment~~ Construction Masonry - Block Assessment (NOCTI)
4. ~~Construction Masonry Bricklaying Assessment~~ Construction Masonry - Brick Assessment (NOCTI)
5. ~~Graphic Communication Technology Assessment~~ Graphic Production Technology Assessment (NOCTI)
6. ~~IT Essentials 1 Examination (PC Hardware and Software)~~ Cisco Certified Entry Network Technician (CCENT) Examination (CISCO Systems)
7. ~~National Automotive Student Skills Standards Assessments~~ Automotive Service Excellence (ASE) Student Certification Assessments - (Pass any one exam from automotive service, automotive refinishing, collision repair, or diesel engine areas) (Automotive Service Excellence Program (ASE))
8. ~~Television Broadcasting Assessment~~ Television Production Assessment (NOCTI)
9. ~~Visual Communications Assessment~~ Visual Communication and Multimedia Design Assessment (NOCTI)

ADDITIONS

Agricultural Education

1. Conservation Assessment (NOCTI)
2. Veterinary Technician Examination (American Allied Health)

Business and Information Technology

1. Financial and Managerial Accounting Assessment (NOCTI)
2. Network Pro Certification Assessment (Test Out Corporation)
3. PC Pro Certification Assessment (Test Out Corporation)
4. Security Pro Certification Assessment (Test Out Corporation)

Health and Medical Sciences Education

1. AAPC Medical Coding Program Examinations (Pass any one exam) (AAPC)
2. American Medical Certification Association (AMCA) Program Examinations (Pass any one exam) (American Medical Certification Association - AMCA)
3. Certified Patient Care Technician (CPCT) Examination (American Allied Health)
4. Certified Personal Trainer Examination (National Academy of Sports Medicine (NASM))
5. Certified Physical Therapy Aide (CPTA) Examination (American Allied Health)
6. Medical Coding and Billing Specialist (MCBS) Examination (American Allied Health)
7. National Certified Insurance and Coding Specialist (NCICS) Examination (National Center for Competency Testing (NCCT))
8. National Certified Medical Assistant (NCMA) Examination (National Center for Competency

Testing (NCCT))

9. National Certified Patient Care Technician (NCPCT) Examination (National Center for Competency Testing (NCCT))
10. National Certified Phlebotomy Technician (NCPT) Examination (National Center for Competency Testing (NCCT))
11. Tech in Surgery-Certified (TS-C) Examination (National Center for Competency Testing (NCCT))

Technology Education

1. Biotechnology Assessment (NOCTI)
2. Certified Logistics Technician (CLT) Associate Examination (Manufacturing Skills Standards Council (MSSC))
3. Logistics Technology/Distribution Center Services Assessment (NOCTI)
4. Pre-Engineering Industry Certification Examination (Robotics Education Competition (REC) Foundation) (Hostedware Corporation)
5. Robotics Industry Certification Examination (Robotics Education Competition (REC) Foundation) (Hostedware Corporation)
6. Spatial Projects And Community Exchange (SPACE) Examination (Digital Quest, Inc.)

Trade and Industrial Education

1. Edison Electric Institute (EEI) Test Batteries (Pass any one test)
2. Home Builders Institute (HBI) Pre-Apprenticeship Certificate Training (PACT) Assessments (Pass any one assessment) (NOCTI)
3. International Code Council (ICC) Certificates of Achievement Examinations – (Pass any one exam) - (International Code Council (ICC))
4. Siemens Mechatronic Systems Certification Program Examinations - (Pass any one exam) (Siemens AG)
5. Technical Theater Assessment (NOCTI)

Examination

1. International Baccalaureate Design Technology Examination (Standard Level) (The International Baccalaureate Organization)
2. International Baccalaureate Design Technology Examination (Higher Level) (The International Baccalaureate Organization)

DELETIONS

(Credentials discontinued by providers)

Business and Information Technology

1. Computer Programming Examination (SkillsUSA)

Health and Medical Sciences Education

1. Practical Nursing Examination (SkillsUSA)

Trade and Industrial Education

1. Automotive Technician Standard Assessment (NOCTI)
2. Aviation Maintenance (Secondary) Examination (SkillsUSA)
3. Major Appliance Repair Examination (SkillsUSA)

**2015-2016 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / DATE

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	
Agribusiness Examination	New York State Department of Education (Cornell University)
Agricultural Biotechnology Assessment	National Occupational Competency Testing Institute (NOCTI)
Agricultural Mechanics and Technology Examination	New York State Department of Education (Cornell University)
Agriculture Mechanics Assessment	National Occupational Competency Testing Institute (NOCTI)
Animal Systems Assessment	National Occupational Competency Testing Institute (NOCTI)
Beef Quality Assurance Certification Assessment	National Beef Quality Assurance/ Virginia Cooperative Extension
Briggs & Stratton Master Service Technician Program Examinations (Pass any one exam)	Briggs & Stratton Corporation
Commercial Pesticide Applicator Certification Examination	Virginia Department of Agriculture and Consumer Services
Conservation Assessment	National Occupational Competency Testing Institute (NOCTI)
Equine Science Examination	New York State Department of Education (Cornell University)
Floriculture Assessment	National Occupational Competency Testing Institute (NOCTI)
Floriculture-Greenhouse Assessment	National Occupational Competency Testing Institute (NOCTI)
Forestry Products & Processing Assessment	National Occupational Competency Testing Institute (NOCTI)
Greenhouse Operators Certification Examination	Southeast Greenhouse Growers Association
Horticulture-Landscaping Assessment	National Occupational Competency Testing Institute (NOCTI)
Natural Resource Systems Assessment	National Occupational Competency Testing Institute (NOCTI)
Outdoor Power Equipment Certification Examinations (Pass any one exam)	Equipment and Engine Training Council
Pet Sitters Certification Examination	National Association Professional Pet Sitters

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Pork Quality Assurance Certification Assessment	National Pork Board/Virginia Cooperative Extension
Power Equipment Technology Examination	SkillsUSA
Private Applicator Certification Examination	Virginia Department of Agriculture and Consumer Services
Production Agriculture Assessment	National Occupational Competency Testing Institute (NOCTI)
Registered Technician Certification Examination	Virginia Department of Agriculture and Consumer Services
Small Animal Care Examination	New York State Department of Education (Cornell University)
Small Animal Science and Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Small Engine Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Veterinary Technician Examination	American Allied Health

BUSINESS AND INFORMATION TECHNOLOGY

Accounting—Basic Assessment	National Occupational Competency Testing Institute (NOCTI)
Accounting—Complete Assessment <u>Accounting - Advanced Assessment</u>	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 Pro Certification Program Examinations (Pass any one exam)	Apple, Inc.
Banking and Related Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Brainbench Desktop Publishing Certification Tests (Pass any one test)	Brainbench

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Brainbench Network Administration Certification Tests (Pass any one test)	Brainbench
Brainbench Software Development Certification Tests (Pass any one test)	Brainbench
Brainbench Systems Administration Certification Tests (Pass any one test)	Brainbench
Brainbench Technical Support Certification Tests (Pass any one test)	Brainbench
Brainbench Web Administration Certification Tests (Pass any one test)	Brainbench
Brainbench Web Design and Development Certification Tests (Pass any one test)	Brainbench
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)	ProsoftTraining
Certified Medical Administrative Assistant (CMAA) Examination	National Healthcareer Association
Certified Novell Administrator (CNA) Examination	Novell
Computer Programming Assessment	National Occupational Competency Testing Institute (NOCTI)
Financial and Investment Planning Assessment	National Occupational Competency Testing Institute (NOCTI)
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	Certiport

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Human Resources Management Assessment	National Occupational Competency Testing Institute (NOCTI)
Interactive Media Assessment	National Occupational Competency Testing Institute (NOCTI)
Intuit QuickBooks Certification Examination	Certiport
<u>Linux+ Certification Examinations Linux+ Powered by Linux Professional Institute (LPI) Program Examinations (Pass any one exam)</u>	CompTIA
Microsoft Certified Professional Examinations (Pass any one exam)	Microsoft
Microsoft Office Specialist (MOS) Examinations (Pass any one exam)	Microsoft
Microsoft Technology Associate (MTA) Program Examinations (Pass any one exam)	Microsoft
Network+ Certification Examination	CompTIA
Network Pro Certification Assessment	Test Out Corporation
Oracle Certification Program Examinations (Pass any one exam)	Oracle Corporation
PC Pro Certification Assessment	Test Out Corporation
Security+ Certification Examination	CompTIA
Security Pro Certification Assessment	Test Out Corporation
Virtual Enterprise Assessment	National Occupational Competency Testing Institute (NOCTI) and Certiport
WISE Financial Literacy Certification Test	Working in Support of Education (W!SE)
Web Design Assessment	National Occupational Competency Testing Institute (NOCTI)
CAREER READINESS CREDENTIALS	
College and Work Readiness Assessment (CWRA+)	Council for Aid to Education

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
National Career Readiness Certificate Assessment	ACT, WorkKeys®
Workplace Readiness Skills for the Commonwealth Examination	Career and Technical Education Consortium of States (CTECS)
FAMILY AND CONSUMER SCIENCES EDUCATION	
ACF Culinary Arts Certification Examination	American Culinary Federation, Inc. (Exam is administered by NOCTI)
ACF Retail Commercial Baking Assessment	American Culinary Federation, Inc. (Exam is administered by NOCTI)
Broad Field Family and Consumer Sciences <u>Examination Assessment</u>	American Association of Family and Consumer Sciences (AAFCS)
Child Development Associate (CDA) Certification Assessment	Child Development Associates (CDA) Council
Commercial Baking Examination	SkillsUSA
Commercial Foods Assessment	National Occupational Competency Testing Institute (NOCTI) and Certiport
Culinary Arts Cook-Level 2 Assessment	National Occupational Competency Testing Institute (NOCTI)
Culinary Arts <u>Examination Assessment</u>	American Association of Family and Consumer Sciences (AAFCS)
Culinary Arts Examination	SkillsUSA
Culinary Arts Prep Cook-Level 1 Assessment	National Occupational Competency Testing Institute (NOCTI)
Early Childhood Education and Care Assessment--Advanced	National Occupational Competency Testing Institute (NOCTI)
Early Childhood Education and Care Assessment--Basic	National Occupational Competency Testing Institute (NOCTI)
Early Childhood Education <u>Examination Assessment</u>	American Association of Family and Consumer Sciences (AAFCS)
Education and Training Assessment	National Occupational Competency Testing Institute (NOCTI)
Education Fundamentals <u>Examination Assessment</u>	American Association of Family and Consumer Sciences (AAFCS)
<u>Family Services Examination</u> <u>Family and Community Services Assessment</u>	American Association of Family and Consumer Sciences (AAFCS)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Fashion, Textiles, and Apparel Examination Assessment	American Association of Family and Consumer Sciences (AAFCS)
Food Science Fundamentals Examination Assessment	American Association of Family and Consumer Sciences (AAFCS)
Hospitality Management—Food and Beverage Option Assessment	National Occupational Competency Testing Institute (NOCTI)
Hospitality Management—Lodging Option Assessment	National Occupational Competency Testing Institute (NOCTI)
Housing and Furnishings Examination Assessment	American Association of Family and Consumer Sciences (AAFCS)
Interior Design Examination Interior Design Fundamentals Assessment	American Association of Family and Consumer Sciences (AAFCS)
ManageFirst Credentialing Program Examinations (Pass any one exam)	Educational Foundation of the National Restaurant Association
Nutrition, Food, and Wellness Examination Assessment	American Association of Family and Consumer Sciences (AAFCS)
ParaPro Assessment	Educational Testing Service
Personal and Family Finance Certification Examination	American Association of Family & Consumer Sciences (AAFCS)
Praxis, Part 1 Examination	Educational Testing Service
ProStart Program 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
START Certification Examination (Hospitality Skills)	American Hotel and Lodging Association (AH&LA)
HEALTH AND MEDICAL SCIENCES EDUCATION	
AAPC Medical Coding Program Examinations (Pass any one exam)	AAPC
American Medical Certification Association (AMCA) Program Examinations (Pass any one exam)	American Medical Certification Association (AMCA)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Certified Clinical Medical Assistant Examination	National Healthcareer Association
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.
Certified EKG Technician (CET) Examination	National Healthcareer Association
Certified Patient Care Technician (CPCT) Examination	American Allied Health
Certified Personal Trainer Examination	National Academy of Sports Medicine (NASM)
Certified Phlebotomy Technician (CPT) Examination	National Healthcareer Association
Certified Physical Therapy Aide (CPTA) Examination	American Allied Health
Certified Surgical Technologist (CST) Examination	National Board of Surgical Technology and Surgical Assisting (NBSTSA)
Certified Veterinary Assistant Examination	Animal Care Technologies
Dental Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)
Diagnostic Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Emergency Medical Responder Examination	Department of Health, Office of Emergency Medical Services
Emergency Medical Technician Examination	Department of Health, Office of Emergency Medical Services
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)
Medical Assisting Examination	SkillsUSA

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Medical Coding and Billing Specialist (MCBS) Examination	American Allied Health
National Certified Insurance and Coding Specialist (NCICS) Examination	National Center for Competency Testing (NCCT)
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 Care Foundation Skills Standards Assessment National Health Science Assessment	National Consortium on Health Science & Technical Education National Consortium for Health Science Education
NRDA Certification Examination (Dental Assisting)	National Allied Health Registry/National Association for Health Professionals
NRDA Certification Examination (Medical Assisting)	National Allied Health Registry/National Association for Health Professionals
Nurse Aide Examination	Virginia Board of Nursing
Nurse Assisting Examination	SkillsUSA
Nursing Assisting Assessment	National Occupational Competency Testing Institute (NOCTI)
Practical Nursing Assessment	National Occupational Competency Testing Institute (NOCTI)
Therapeutic Services Assessment	National Occupational Competency Testing Institute (NOCTI)
Virginia Pharmacy Technician Examination	Virginia Board of Pharmacy
MARKETING	
Concepts of Finance Examination	ASK Business Institute
Concepts of Entrepreneurship and Management Assessment	ASK Business Institute
Fundamental Marketing Concepts Assessment	ASK Business Institute

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Hospitality and Tourism Management Program Examinations, (Pass Level 1 and/or Level 2)	American Hotel and Lodging Association (AH&LA)
Lodging Assessment	National Occupational Competency Testing Institute (NOCTI)
Lodging Management Program Certification Examinations, (Pass Level 1 and/or Level 2)	American Hotel and Lodging Association (AH&LA)
<u>National Professional Certification in Customer Service Assessment Customer Service and Sales Certification Assessment</u>	National Retail Federation Foundation
Retail Merchandising Assessment	National Occupational Competency Testing Institute (NOCTI)
<u>National Professional Certification in Retail Management Examination Retail Management Certification Assessment</u>	National Retail Federation Foundation
Recreation, Amusements, and Attractions Assessment	National Occupational Competency Testing Institute (NOCTI)
<u>National Professional Certification in Sales Assessment Advanced Customer Service and Sales Certification Assessment</u>	National Retail Federation Foundation
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
ADDA Architectural Drafting Apprentice Examination	American Design Drafting Association (ADDA)
ADDA Architectural Drafting Examination	American Design Drafting Association (ADDA)
ADDA Mechanical Drafting Apprentice Examination	American Design Drafting Association (ADDA)
ADDA Mechanical Drafting Examination	American Design Drafting Association (ADDA)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Architectural Drafting Assessment	National Occupational Competency Testing Institute (NOCTI)
Architectural Drafting Examination	SkillsUSA
AutoCAD Certification Examinations (Pass any one exam)	Brainbench
Autodesk Application Certification Program Examinations (Pass any one exam)	Autodesk
Autodesk Certification Program Examinations (Pass any one exam)	Autodesk
Automated Manufacturing Technology Examination	SkillsUSA
Biotechnology Assessment	National Occupational Competency Testing Institute (NOCTI)
Certified Logistics Technician (CLT) Associate Examination	Manufacturing Skills Standards Council (MSSC)
Certified SolidWorks Associate Examination	SolidWorks Corporation
Electronics Application & 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 Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Manufacturing Technology Certification Examinations (Pass any one exam)	Manufacturing Skills Institute
Mechanical Drafting and Design Assessment	National Occupational Competency Testing Institute (NOCTI)
Pre-Engineering Assessment Pre-Engineering/Engineering Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Project Lead the Way End-of-Course Tests (Pass any one end-of-course test)	Project Lead The Way

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Pre-Engineering Industry Certification Examination	Robotics Education Competition (REC) Foundation- Hostedware Corporation
Robotics Industry Certification Examination	Robotics Education Competition (REC) Foundation- Hostedware Corporation
Robotics Examination Robotics and Automation Technology Examination	SkillsUSA
Spatial Projects And Community Exchange (SPACE) Examination	Digital Quest, Inc.
STARS Certification Examination	Digital Quest, Inc.
Technical Drafting Examination	SkillsUSA
TRADE AND INDUSTRIAL EDUCATION	
A+ Certification Examinations (Pass any one exam from 2009 certification program)	CompTIA
Advertising and Design Assessment	National Occupational Competency Testing Institute (NOCTI)
Audio-Radio Production Examination	SkillsUSA
Audio-Visual Communications Assessment	National Occupational Competency Testing Institute (NOCTI)
Automotive Technician Core Assessment	National Occupational Competency Testing Institute (NOCTI)
Automotive Technician Advanced Assessment	National Occupational Competency Testing Institute (NOCTI)
Automotive Technician Examinations (ASE)—(Pass any one exam from Automobile Technician Test Series)	National Institute for Automotive Service Excellence
Avid Media Composer Certification Program Examinations (Pass any one exam)	Avid
Basic Installer Examination, Mobile Electronics Certified Professional Mobile Electronics Certified Professional (MECP) Basic Installation Technician Examination	Consumer Electronics Association
BICSI Registered Installer Certification Examination, Level 1	BICSI (International Telecommunications Association)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Broadcasting and Journalism Assessment	National Occupational Competency Testing Institute (NOCTI)
Building Construction Occupations Assessment	National Occupational Competency Testing Institute (NOCTI)
Building Trades Maintenance Assessment	National Occupational Competency Testing Institute (NOCTI)
CAD Assessment	National Occupational Competency Testing Institute (NOCTI)
CAD/CAM Assessment	National Occupational Competency Testing Institute (NOCTI)
Cabinetmaking Assessment	National Occupational Competency Testing Institute (NOCTI)
Cabinetmaking Examination	SkillsUSA
Carpentry Assessment	National Occupational Competency Testing Institute (NOCTI)
Carpentry Examination	SkillsUSA
Carpentry Level One, National Construction Career Test	National Center for Construction Education & Research (NCCER)
Certified Computer Service Technician Examination	Electronics Technicians Association, International (ETA)
Certified Electronics Technician Associate (CETA) Examination	Electronics Technicians Association, International (ETA)
Certified Satellite Dish Installer Examination	Electronics Technicians Association, International (ETA)
CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4)	CISCO Systems
CISCO Certified Networking Associate Examinations (Pass any one exam)	CISCO Systems
Collision Repair Assessment <u>Collision Repair Technology Assessment</u>	National Occupational Competency Testing Institute (NOCTI)
Collision Repair and Refinishing Technician Examinations (ASE)-(Pass any one exam)	National Institute for Automotive Service Excellence
Collision Repair/Refinishing Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Computer Maintenance Technology Examination	SkillsUSA

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Computer Networking Fundamentals Assessment	National Occupational Competency Testing Institute (NOCTI)
Computer Repair Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
CNC Milling and Turning Technology Examination	SkillsUSA
Construction Assessment	National Occupational Competency Testing Institute (NOCTI)
Construction Masonry-Blocklaying Assessment <u>Construction Masonry-Block Assessment</u>	National Occupational Competency Testing Institute (NOCTI)
Construction Masonry-Bricklaying Assessment <u>Construction Masonry-Brick Assessment</u>	National Occupational Competency Testing Institute (NOCTI)
Construction Technology: National Construction Career Test	National Center for Constructional Education & Research (NCCER)
Computer Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
CompTIA Strata Fundamentals of IT Technology Certification Examination	Certiport
Copper Based Cabling Certification Examination	RBT Systems, Inc.
Core: Introductory Craft Skills, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Cosmetology Assessment	National Occupational Competency Testing Institute (NOCTI)
Cosmetology Examination	SkillsUSA
Criminal Justice Assessment	National Occupational Competency Testing Institute (NOCTI)
Criminal Justice Examination/Crime Scene Investigation (CSI)	SkillsUSA
Customer Service Examination	SkillsUSA
Data Cabling Installer Certification (DCIC) Examination	Electronics Technicians Association, International (ETA)
Design and Preconstruction Assessment	National Occupational Competency Testing Institute (NOCTI)
Diesel Technology Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Drafter Certification Examination	American Design Drafting Association
Edison Electric Institute (EEI) Test Batteries (Pass any one test)	Edison Electric Institute (EEI)
Electrical Construction Technology Assessment	National Occupational Competency Testing Institute (NOCTI)
Electrical Construction Wiring (Residential Wiring) Examination	SkillsUSA
Electrical Occupations Assessment	National Occupational Competency Testing Institute (NOCTI)
Electrical, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Electronics Assessment	National Occupational Competency Testing Institute (NOCTI)
Electronics Module: DC (EM1) Examination	Electronics Technicians Association, International (ETA)
Electronics Module: AC (EM2) Examination	Electronics Technicians Association, International (ETA)
Electronics Module: Analog (EM3) Examination	Electronics Technicians Association, International (ETA)
Electronics Module: DC (EM4) Examination	Electronics Technicians Association, International (ETA)
Electronics Module: Comprehensive (EMS) Examination	Electronics Technicians Association, International (ETA)
Emergency and Fire Management Services Assessment	National Occupational Competency Testing Institute (NOCTI)
EPA Technician Certification Examination (Pass Levels I, II, or III)	Environmental Protection Agency (Authorized Entity)
Fiber Optic Network Cabling Certification Examination	RBT Systems, Inc.
Fiber Optics Installer Certification Examination	Electronics Technicians Association, International (ETA)
Firefighter I Certification Examination	Virginia Department of Fire Programs
Firefighter II Certification Examination	Virginia Department of Fire Programs
Fundamentals of Construction Assessment	National Occupational Competency Testing Institute (NOCTI)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Global Logistics Associate Certification Assessment	American Society of Transportation & Logistics
Graphic Communication Technology Assessment <u>Graphic Production Technology Assessment</u>	National Occupational Competency Testing Institute (NOCTI)
Heating, Electrical, Air Conditioning Technology (HEAT) Examinations (Pass any one exam)	HVAC Excellence
Heating, Ventilation, Air Conditioning (HVAC) Assessment	National Occupational Competency Testing Institute (NOCTI)
Heating, Ventilation, Air Conditioning & Refrigeration (HVAC/R) Assessment	National Occupational Competency Testing Institute (NOCTI)
Heavy Equipment Operations Level One Assessment	National Center For Construction Education & Research (NCCER)
Home Builders Institute (HBI) Pre-Apprenticeship Certificate Training (PACT) Assessments (Pass any one assessment)	National Occupational Competency Testing Institute (NOCTI)
HVAC, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Industrial Electronics Assessment	National Occupational Competency Testing Institute (NOCTI)
Industrial Maintenance Mechanic Assessment	National Occupational Competency Testing Institute (NOCTI)
Installer (or Service) Core Certification (HVAC) Examination	North American Technician Excellence, Inc. (NATE)
International Code Council (ICC) Certificates of Achievement Examinations (Pass any one exam)	International Code Council (ICC)
Internetworking Examination	SkillsUSA
<u>IT Essentials 1 Examination (PC Hardware and Software)</u> <u>Cisco Certified Entry Network Technician (CCENT) Examination</u>	Cisco Systems
MSSC Certified Production Technician (CPT) Program Examinations (Pass any one exam)	Manufacturing Skill Standards Council (MSSC)
Machining Skills--Level I Examinations (Pass any one exam with performance component)	National Institute for Metalworking Skills (NIMS)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Marine Service Technology Examination	SkillsUSA
Masonry Examination	SkillsUSA
Maintenance Operations Assessment	National Occupational Competency Testing Institute (NOCTI)
Masonry Level One, National Construction Career Test	National Center For Construction Education & Research (NCCER)
Mechatronics-Level 1 Assessment	National Occupational Competency Testing Institute (NOCTI)
Motorcycle Service Technology Examination	SkillsUSA
<u>National Automotive Student Skills Standards Assessments Automotive Service Excellence (ASE) Student Certification Assessments</u> (Pass any one assessment from automotive service, automotive refinishing, collision repair, or diesel engine areas)	<u>ASE-AYES-SkillsUSA Co-brand, SkillsUSA Automotive Service Excellence Program (ASE)</u>
Nail Care Examination	SkillsUSA
Network Cabling Specialist Certification Examinations (Pass copper and fiber examinations)	C-Tech Associates, Inc.
Performing Arts Assessment	National Occupational Competency Testing Institute (NOCTI)
Photography Examination	SkillsUSA
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 (Examinations administered by NOCTI)
Precision Machining Assessment	National Occupational Competency Testing Institute (NOCTI)
Protective Services Assessment	National Occupational Competency Testing Institute (NOCTI)
PrintED Certification Program Examinations (Pass any one exam)	Graphic Arts Education and Research Foundation (Examinations are administered by SkillsUSA)

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NAME OF CREDENTIAL	ISSUING ORGANIZATION
Residential Construction Academy Examinations (Pass any one exam)	Home Builders Institute (Examinations are administered by National Occupational Competency Testing Institute)
SENSE Training Program Certification Examination (Level 1, Entry-Level Welder)	American Welding Society (AWS)
Siemens Mechatronic Systems Certification Program Examinations (Pass any one exam)	Siemens AG
Student Electronics Technician (SET) Certification Examination	Electronics Technicians Association, International (ETA)
Telecommunications Electronics Technician Certification Examination	Electronics Technicians Association, International (ETA)
Television Broadcasting Assessment <u>Television Production Assessment</u>	National Occupational Competency Testing Institute (NOCTI)
Television Video Production Examination	SkillsUSA
Technical Drafting Assessment	National Occupational Competency Testing Institute (NOCTI)
Technical Theater Assessment	National Occupational Competency Testing Institute (NOCTI)
Visual Arts Assessment	National Occupational Competency Testing Institute (NOCTI)
Visual Communications Assessment <u>Visual Communication and Multimedia Design Assessment</u>	National Occupational Competency Testing Institute (NOCTI)
Welding Assessment	National Occupational Competency Testing Institute (NOCTI)
Welding Examination	SkillsUSA
Welding, National Construction Career Test (or pass journey-level exam)	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)
Cosmetology Examination	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)
Licensed Practical Nurse Examination	Virginia Board of Nursing
Nail Technician Examination	Board of Barbers and Cosmetology (Virginia Department of Professional and Occupational Regulation)
FAA Private Pilot Written Test	Federal Aviation Administration
Real Estate Salesperson Examination	Virginia Real Estate Board (Dept. of Professional & Occupational Regulation)
EXAMINATIONS	
Advanced Placement Computer Science A Examination	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

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NAME OF CREDENTIAL	ISSUING 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
DELETIONS	
Automotive Technician Standard Assessment	NOCTI
Aviation Maintenance (Secondary) Examination	SkillsUSA
Computer Programming Examination	SkillsUSA
Major Appliance Repair Examination	SkillsUSA
Practical Nursing Examination	SkillsUSA