

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
BUSINESS AND INFORMATION TECHNOLOGY	
Accounting—Advanced Assessment	National Occupational Competency Testing Institute (NOCTI)
Accounting—Basic 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 (ACA) 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) (Issuing Organization Requested Examinations To Be Listed Separately)	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

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 IC3 Digital Literacy Certification Examination	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 (MCP) 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

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)
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)	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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 (AAFCS)	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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)
Clinical Medical Assistant Certification (CMAC) Examination	American Medical Certification Association (AMCA)
Dental Support Technician Certification (DSTC) Examination	American Medical Certification Association (AMCA)
Electronic Health Record Certification (EHRC) Examination	American Medical Certification Association (AMCA)
Medical Administration Assistant Certification (MAAC) 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)
Physical Therapy Aide Certification (PTAC) 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.

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 Dental Assistant (NRCD) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified EKG Technician (NRCEKGT) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Medical Assistant (NRCMA) Examination	National Association for Health Professionals (NAHP)
Nationally Registered Certified Patient Care Technician (NRCPCT) 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)
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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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) Certified Hospitality and Tourism Management Professional Examination (Must Pass Level 1 and Level 2) (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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 Associate Certification Examination	Environmental Systems Research Institute (ESRI)
ArcGIS Desktop Entry 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
Automated Manufacturing Technology Examination	SkillsUSA

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)
Performing Arts Assessment (also listed in Trade and Industrial Education)	National Occupational Competency Testing Institute (NOCTI)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
Pre-Engineering Certification Examinations	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 Examinations	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)
Audio-Radio Production Examination	SkillsUSA

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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
Carpentry Level One Entry-Level Assessment	National Center for Construction Education & Research (NCCER)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 (Must pass all 3 exams)	CiscoSystems, Inc.
Cisco Certified Networking Professional (CCNP) Security Examination	CiscoSystems, Inc.
CNC Milling and Turning Examination	SkillsUSA
Collision Repair and Refinishing Technician Examinations (ASE)-(Pass any one exam) (see ASE Student Certification Examination)	National Institute for Automotive Service Excellence

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)
Cosmetology Assessment	National Occupational Competency Testing Institute (NOCTI)
Cosmetology Examination	SkillsUSA

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 Pre-Construction 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 Technology 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)
Electrician Level One: Entry-Level Assessment	National Center For Construction Education & Research (NCCER)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 Core, I, II, III or Universal)	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 Combustion Employment Ready Examination	HVAC Excellence
Fundamentals of Construction Assessment	National Occupational Competency Testing Institute (NOCTI)
Gas Heat Employment Ready Examination	HVAC Excellence
General Communications Technician - Level 1 (GCT1) Examination	Electronics Technicians Association (ETA) International

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)
Internetworking Examination	SkillsUSA
Legal Services Assessment	National Occupational Competency Testing Institute (NOCTI)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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
Nail Care Examination	SkillsUSA
Natural Gas Combustion Employment Ready Examination	HVAC Excellence

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
Network Cabling Specialist Certification Examination	C-Tech Associates, Inc.
Non-Structural Technician - ProLevel 1 Certification Test	ICAR
Performing Arts Assessment (also listed in TechnologyEducation)	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)
Refinish Technician - ProLevel 1 CertificationTest	ICAR
Residential & Light Commercial Hydronic Heat Employment Ready Examination	HVAC Excellence

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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 Communications and Interactive Media 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)

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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

**2017-2018 BOARD OF EDUCATION APPROVED INDUSTRY CERTIFICATIONS, OCCUPATIONAL COMPETENCY ASSESSMENTS,
AND PROFESSIONAL LICENSES**

BOARD APPROVED / MAY 25, 2017

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
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)