

## Agriculture, Food & Natural Resources

### **AWS Certified Welder D1.1**

#### **Structural Steel**

Agriculture Mechanics I  
 Agriculture Mechanics II  
 Agriculture Production I  
 Agriscience Applications

The Certified Welder program tests welders to procedures used in the structural steel and other industries. AWS D1.1 is an endorsement covering four subject areas: material and design, fabrication, inspection, and qualification.

### **Certified Veterinary Assistant Level I**

Veterinary Assisting

The Certified Veterinary Assistant (CVA) certification program offered through Texas Veterinary Medical Association is standardized and documents the basic skills and competencies required for animal care and assistance. Students must complete 500 hours of work experience under the supervision of a DVM or LVT, master all training material, demonstrate hands-on skills, and successfully complete the certification examination.

### **Master Service Technician: Briggs & Stratton**

Agricultural Mechanics II Small Engines

Briggs and Stratton Master Service Technician certification holders are recognized among the best in the business. Having this certification allows students to increase their value as entry- and advanced-level workers by demonstrating advanced mastery in operational theory, governor systems, ignition systems, fuel systems and carburetors, charging systems, diagnostics, failure, and warranty analysis of small engine systems. Students who obtain the Briggs and Stratton Master Service Technician certification have marketable skills giving them a competitive edge

### **NC Beef Quality Assurance**

Agricultural Production I  
 Animal Science I  
 Animal Science II

The North Carolina Beef Quality Assurance (NC-BQA), is a cooperative effort between beef producers, veterinarians, nutritionists, extension staff, and other professionals from North Carolina State University, the North Carolina Department of Agriculture and Consumer Services, the North Carolina Cattlemen's Association, and the North Carolina Cattlemen's Beef Council. The NC-BQA program is designed to assist producers to set production standards that can be met or exceeded, establish systems for data retention and record keeping, and provide training and education encompassing the BQA guidelines.

## Agriculture, Food & Natural Resources

### **NC Hunter Safety Certification**

Agriscience Applications  
Natural Resources I  
Natural Resources II

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More than a firearm safety course, instruction in the NC Hunter Safety Course includes ethics and responsibility, conservation and wildlife management, wildlife identification, survival and first aid, specialty hunting and tree stand safety.

### **NC Pork Quality Assurance**

Agricultural Production I  
Animal Science I  
Animal Science II

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The Pork Quality Assurance Plus program covers a spectrum of topics related to food safety and animal well-being. To become certified, students must successfully complete the PQA Plus course and examination.

## Business & Marketing

### Adobe Dreamweaver, Illustrator, InDesign,

Adobe Video Design  
Adobe Visual Design  
Digital Media II

Adobe conducted research to identify the foundational skills students need to effectively communicate using digital media tools. Based on feedback from educators, design and video professionals, businesses, and educational institutions around the world, the objectives cover entry-level skill expectations for video communication.

### CFNC.org Certified Financial Basics

Personal Finance

Financial Basics explores key money management topics for high school students that are mapped to NC financial literacy standards. Successful completion of the program allows eligible students to enter a financial literacy scholarship competition.

### EverFi Financial Literacy

Personal Finance

EverFi Financial Literacy covers nine modules of financial concepts including: savings, banking, credit cards and interest rates, credit scores, financing higher education, renting vs. owning, taxes and insurance, consumer protection, and investing. Completion of the modules provides students the tools needed to successfully manage their financial future.

### Microsoft Office Specialist: Word, PowerPoint, Excel

Microsoft Word & PowerPoint  
Microsoft Excel

Microsoft Office Specialist (MOS) certifications are available in each specific Office program and are designed to determine a candidate's ability to use an Office application. MOS certifications give students a professional edge by providing globally recognized, industry endorsed evidence of skills mastery.

### Venture Entrepreneurial Expedition

Entrepreneurship I

EverFi Venture Entrepreneurial Expedition covers seven modules of entrepreneurship designed to help students develop a personalized plan for their individual business along with a roadmap for academic and career success. Modules include: budgeting and building startup capital, generating business ideas, market research, growing a business, business finances, marketing, and creating a business pitch.

### WISE Certified Financially Literate Credential

Entrepreneurship I

The WISE CFL credential demonstrates to colleges and employers that students have the knowledge and skills to be financially savvy in modern society.

## Career Development

### **Conover Credential Workplace Readiness**

Career Management

The Conover Job Readiness program assesses an individual's level of skill in eight categories identified as being essential to workplace readiness. Skill enhancements in the Job Readiness program include: attitude, communication, planning and organizing, critical thinking, interpersonal/social skills, teamwork, and social media rules.

### **WorkKeys National Career Readiness Certification**

CTE Concentrators

The ACT WorkKeys National Career Readiness Certificate is an assessment-based credential issued at four levels (platinum, gold, silver, and bronze) that measures and certifies the essential work skills needed for success in jobs across industries and occupations.

## Health Sciences

### **American Heart Association CPR Healthcare Professional**

Health Science II

Basic Life Support (BLS) training reinforces healthcare professionals' understanding of the importance of early CPR and defibrillation, basic steps of performing CPR, relieving choking, and using an AED; and the role of each link in the chain of survival. Successful completion of the course earns Healthcare Professional BLS certification through the American Heart Association.

### **CPhT Certified Pharmacy Technician**

Pharmacy Technician

The Certified Pharmacy Technician (CPhT) credential is a nationally accredited certification program for pharmacy technicians to enable the most effective support of pharmacists to advance patient safety. Students must successfully complete the training program and pass the certification exam to earn the CPhT certification.

### **North Carolina Nurse Aide**

Nursing Fundamentals

Nurse Aide I is the basic credential for nurse aides in North Carolina. The Nurse Aide I is awarded by the Department of Health and Human Services and is the foundation for practice at higher levels. Students must successfully complete a training program, National Nurse Aide Assessment Program exam, and demonstrate mastery of patient care skills to be eligible for listing on the NC Nurse Aide Registry.

### **OSHA 10 Hour Industry Certification Healthcare**

Biomedical Technology II  
Health Science II

The OSHA 10-Hour Industry (Healthcare) training course provides training for entry-level workers on the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces in the healthcare industry.

## Human Services

### **American Heart Association CPR Healthcare Professional**

Early Childhood Education I  
Early Childhood Education II

Heartsaver First Aid CPR AED teaches students critical skills needed to respond to and manage an emergency until emergency medical services arrives. Skills covered include first aid, choking relief, and sudden cardiac arrest in adults, children and infants. Successful completion of the course earns certification through the American Heart Association.

### **North Carolina Early Childhood Credential (NCECC) Lead Teacher Equivalency**

Early Childhood Education II

In North Carolina's Star Rated License System for child care facilities, lead teachers must have the North Carolina Early Childhood Credential or an equivalent to the credential. Through the Early Childhood Education program, students are eligible to earn the lead teacher equivalency, which carries equal weight, to the NCECC in NC's tiered Star Rated License System.

### **ServSafe Food Protection Managers Certification**

Food & Nutrition II  
Prostart I

The National Restaurant Association's ServSafe Food Safety training program is widely recognized and respected in the foodservice industry. Essential food safety practices and responsible food service measures are taught and assessed.

### **ProStart National Certificate of Achievement**

ProStart I  
  
ProStart II

The ProStart National COA is awarded to students who pass two national exams, demonstrate mastery of foundational skills, and work 400 mentored hours in the culinary industry. Students who receive the COA are eligible for National Restaurant Association Educational Foundation scholarship opportunities and course credits at leading hospitality and culinary arts colleges and universities.

## Trade & Industrial Education

### ASE Entry-Level Certification

Automotive Service II  
Automotive Service III

The National Institute for Automotive Service Excellence (ASE) Entry-Level certification tests are designed to indicate a satisfactory level of practical knowledge-based readiness for the workforce in candidates seeking a career in the automotive service industry. ASE Entry-Level certification tests available for the automotive series: Maintenance and Light Repair, Brakes, and Electrical/Electronic Systems.

### ASE Auto Maintenance & Light Repair Certification (G1)

Automotive Service III

The ASE G1 certification provides an assessment of an individual's technical knowledge of bumper-to-bumper maintenance and light repairs in the critical areas of engine systems, automatic transmission/transaxle, manual drive train and axles, suspension and steering, brakes, electrical, and heating and air conditioning.

### S/P2 Automotive

Auto Service Fundamentals

S/P2 provides industry-specific training covering topics in the automotive service industry. Students may earn certifications for Mechanical Pollution Prevention and Mechanical Safety to demonstrate mastery of skills that are desirable to employers in the automotive industry.

### Electronics Technicians

#### Association Electrons Modules

Electronics I  
Electronics II  
Electronics III

The Electronics Modules program is based on ETA's Associate level certification and is aligned with a growing portion of the electronics education industry that is charged with providing electronics training in certain areas of electronics. Students in this program may earn certifications in DC electronics (EM1), AC electronics (EM2), and digital electronics (EM4).

### NCCER Credentials

Core & Sustainable  
Construction  
Carpentry I, II, III  
Masonry I, II, III

The National Center for Construction Education and Research provides training, assessment, certification and career development for construction and maintenance craft professionals. NCCER's industry-recognized credentials provide students and craft professionals with national portability of skills. Credentials available include Core Curriculum, Carpentry, and Masonry.

## Trade & Industrial Education

### **OSHA 10 Hours Construction Industry Certification**

Core & Sustainable  
Construction

The OSHA Outreach Training Program for Construction Industry provides training for entry-level workers on the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces in the construction industry.

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### **NIMS Machining Level I**

Metals Manufacturing I  
  
Metals Manufacturing II

The National Institute for Metalworking Skills (NIMS) credentials are earned by students, trainees, apprentices, employees, and military personnel nationwide and around the world. Candidates must demonstrate skills that meet industry established standards to earn NIMS credentials in: Job Planning, Benchwork, and Layout; Measurement, Materials and Safety; and Manual Milling Skills.

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