



CAREER AND TECHNICAL EDUCATION

CREDENTIALS OF VALUE

SY 2018-2019

Utah students have the opportunity to earn **third-party certifications** while in high school through participation in Career and Technical Education (CTE). Third-party certifications are awarded through validation of skills in cooperation with a business, trade association, or other industry group. In addition, the Utah CTE Skill Certificate Program provides students, grades 9-12, with opportunities to receive instruction aligned with standards and objectives set by the state of Utah and by industry. Students' knowledge and performance is demonstrated as part of the **CTE Skill Certification** process.

AGRICULTURE, FOOD & NATURAL RESOURCES	BUSINESS, FINANCE & MARKETING	HEALTH SCIENCE
<ul style="list-style-type: none"> Advanced Agricultural Mechanics Agricultural Machinery Technology Agricultural Science 1 Agricultural Science 2 Agricultural Science 3 Agricultural Systems Technology 1 Agricultural Systems Technology 2 Aquaculture, Introduction Animal Science 1 Animal Science 2 Biology: Agricultural Science Environmental Technician Equine Science, Year Equine Science, Semester A Equine Science, Semester B Food and Nutrition 1 	<ul style="list-style-type: none"> Accounting 1 Accounting 2 Advanced Accounting Business Communication 1 Business Communication 2 Business Law Business Management Business Math and Personal Finance Business Office Specialist Computer Technology Customer Service Digital Business Applications Digital Marketing Economics Entrepreneurship Exploring Business and Marketing Leadership Principles 1 Leadership Principles 2 	<ul style="list-style-type: none"> Biotechnology Dental Assistant 1 Dental Assistant 2 Dental Assistant 3 Dental Assistant 4 Exercise Science/Sports Medicine Introduction to Health Information Management Introduction to Health Science Introduction to Physical Therapy Medical Anatomy and Physiology Medical Assisting: Anatomy and Physiology Medical Assisting: Clinical and Lab Procedures Medical Assisting: Medical Office Management Medical Assisting: Medical Terminology Medical Forensics Medical Terminology Technology Enhanced Human Anatomy and Physiology Advanced Health Science Emergency Medical Responder Emergency Medical Technician NCCT Medical Assisting Nurse Assistant (CNA) Pharmacy Technician Surgical Technician
ARCHITECTURE & CONSTRUCTION	EDUCATION & TRAINING	HOSPITALITY & TOURISM
<ul style="list-style-type: none"> Advanced Interior Design CAD Architectural Design 1 CAD Architectural Design 2 CAD Architectural Design 3 Carpentry 1 Construction Trades Foundation Electrician 	<ul style="list-style-type: none"> Adult Roles and Financial Literacy Adult Roles and Responsibilities Child Development Early Childhood Education 1A Early Childhood Education 1B Early Childhood Education 2 Interior Design 1 Interior Design 2 Plumbing Certiport Autodesk Revit Civil Engineering and Architecture (PLTW) Electrician, Apprentice Plumbing I, Apprentice 	<ul style="list-style-type: none"> Culinary Arts Culinary Management Event Planning and Management Hospitality and Tourism Lodging and Recreation Food Handlers Permit ProStart® I ProStart® II ProStart® National Certification
ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS	ENGINEERING & TECHNOLOGY	HUMAN SERVICES
<ul style="list-style-type: none"> 3D Animation 3D Graphics Advanced Commercial Photography Advanced Fashion Design Merchandising Advanced Graphic Communications Advanced Textile Design Apparel Design and Production 1 Apparel Design and Production 2 Basic Digital Photography Basic Film Photography Commercial and Advertising Art Design and Visual Communications Digital Graphic Arts Intro Digital Print Design Digital Media 1B Digital Media 2 	<ul style="list-style-type: none"> CAD Mechanical Design 1 CAD Mechanical Design 2 CAD Mechanical Design 3 Electronics 1 Electronics 2 Engineering Principles 1 Engineering Principles 2 Engineering Technology Robotics 1 Robotics 2 Manufacturing Principles 1 Manufacturing Technology Aerospace Engineering (PLTW) Certiport Autodesk AutoCAD Certiport Autodesk Inventor Civil Engineering & Architecture (PLTW) Computer Integrated Manufacturing (PLTW) Engineering Design & Development Capstone (PLTW) Digital Electronics (PLTW) Intro to Engineering Design (PLTW) Principles of Engineering (PLTW) Solid Works Certification (SWA) 	<ul style="list-style-type: none"> Family Studies 1 Family Studies 2 Human Development Barbering Basic Esthetician & Skin Care Cosmetology Nail Technician

“I have received an EMR certification, a medical anatomy and physiology state skills certification, and a medical terminology state skills certification. All of these certifications will push me closer to my career goals in nursing.”
—Skye B.

PORTABLE. STACKABLE. TRANSFERABLE. THIRD-PARTY. DRIVEN BY EMPLOYERS.

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INFORMATION TECHNOLOGY

A+ (Computer Maintenance and Repair)
 Advanced Computer Programming
 Computer Programming 1
 Computer Programming 2
 Computer Science Principles
 Cybersecurity Forensics
 Cybersecurity Fundamentals
 Exploring Computer Science
 Gaming Development Fundamentals
 Introduction to Information Technology
 Linux Fundamentals
 Mobile Development Fundamentals
 Network +
 Web Development 1
 Web Development 2
 AP or IB Computer Science
 AP Computer Science Principles
 Adobe Dreamweaver
 Certiport Ethical Hacking Associate
 Certiport Cyber Forensic Associate
 Certiport Unity
 Cisco, CCNA
 Cisco, CCNA Semester
 Computer Science & Software Engineering (PLTW)
 CompTIA A+ Essentials or HP ATA Connected
 Devices or TestOut PC Pro
 CompTIA A+ Practical Application
 CompTIA Linux+
 CompTIA Network+
 CompTIA Security+

CompTIA Strata IT Fundamentals
 CIW Associate Design Specialist
 CIW Internet Business Associate
 CIW Site Development Associate
 CIW Web Foundations
 HP ATA Connected Devices
 IB Computer Science
 Linux Pro TestOut
 Microsoft MCP, EACH
 MTA HTML5
 MTA Database Fundamentals
 MTA Intro to Programming w/ C#
 MTA Intro to Programming w/ HTML & CSS
 MTA Intro to Programming w/ Java
 MTA Intro to Programming w/ JavaScript
 MTA Intro to Programming w/ Python
 MTA Intro to Programming Using Block-Based Language
 MTA Microsoft.NET Fundamentals
 MTA Mobile Apps Fundamentals
 MTA Networking Fundamentals
 MTA Security Fundamentals
 MTA Software Dev Fundamentals
 MTA Web Dev Fundamentals
 MTA Windows Dev Fundamentals
 Novell Linux CLDA
 Novell Linux CNA
 TestOut Network Pro Fundamentals
 TestOut PC Pro
 Window OS Sys Fundamentals

MANUFACTURING

Cabinetmaking
 Furniture Design and Manufacturing
 Machining 1
 Machining 2
 Manufacturing Principles 1
 Manufacturing Technology
 Non-Destructive Testing
 Physics with Technology

Welding Technician, Entry
 Welding Technician, Intermediate
 Welding Technician, Advanced
 Woodworking
 AWS SENSE Level I Welder
 Computer Integrated Manuf (PLTW)
 Medical Innovations
 Utah Aerospace

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Basic Automotive Collision Repair
 Collision Non-Structural and Structural Repair, Advanced
 Introduction to Automotive
 Small Engine Repair 1
 Auto Automatic Transmission/Transaxle ASE Student Certification
 Auto Brakes ASE Student Certification
 Auto Electrical/Electronic Systems ASE Student Certification
 Auto Engine Performance ASE Student Certification
 Auto Engine Repair ASE Student Certification
 Auto Heating and Air Conditioning ASE Student Certification
 Auto Maintenance & Light Repair ASE Student Certification
 Auto Manual Drive Train and Axles ASE Student Certification
 Auto Suspension/Steering ASE Student Certification
 Diesel Brakes ASE Student Certification
 Diesel Electrical/Electronics ASE Student Certification
 Diesel Engines ASE Student Certification
 Diesel Suspension/Steering ASE Student Certification
 Diesel Tech
 Mechanical and Electrical ASE Student Certification
 Non-Structural Analysis & Damage Repair ASE Student Certification
 Painting & Refinishing ASE Student Certification
 Private Pilot
 Structural Analysis and Damage Repair ASE Student Certification

WORK-BASED LEARNING

21st Century Success Skills

“While in high school I enrolled in as many CTE courses as my schedule permitted. In each of the courses I took I received a skills certification from the Utah State Board of Education. I received a skills certification in animal science, landscape management, natural resources, financial literacy, computer technology, floriculture and greenhouse management.”

—Paige B.

“The [Microsoft Office Specialist] certifications helped me land my current job at Lowe’s Home Improvement. I am the manager there and perform all of the administrative functions. I do all of the accounting, bookkeeping, data entry, and reporting. I’m using Microsoft Office daily, especially Excel.”

— Andrew M.

“I passed the Child Development course with excellent grades and passed the state [skills certification] test with a nearly a perfect score. Now I hope to complete my CDA before I enter college. To complete the CDA I am fulfilling service hours, creating menus, and organizing lesson plans. I have been working hard trying to develop the skills and traits of an elementary school teacher.”

—Hannah A.

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Law Enforcement

112,867
 CTE Skill Certifications awarded

19,189
 Third-party* certifications earned

* business, trade association, or other industry group

 **CTE**® Learning that works for Utah

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