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.

## CREDENTIALS OF VALUE

### SY 2018-2019

**Agriculture, Food & Natural Resources**

- 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
- Food and Nutrition 2
- Floriculture
- Floriculture and Greenhouse Management
- Greenhouse Management
- Landscape Management
- Natural Resource Science 1
- Natural Resource Science 2
- Natural Resource Science 1, Semester
- Nursery Operation
- Plant and Soil Science 1
- Plant and Soil Science 2651
- Small and Companion Animal Science
- Veterinary Assistant 1
- Veterinary Assistant 2
- AP Environmental Science

**Architecture & Construction**

- Advanced Interior Design
- CAD Architectural Design 1
- CAD Architectural Design 2
- CAD Architectural Design 3
- Carpentry 1
- Construction Trades Foundation
- Electrician
- Interior Design 1
- Interior Design 2
- Plumbing
- Certiport Autodesk Revit
- Civil Engineering and Architecture (PLTW)
- Electrician, Apprentice
- Plumbing I, Apprentice

**Arts, Audio/Visual Technology & Communications**

- 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 18
- Digital Media 2
- Fashion Design Merchandising
- Fashion Design Studio
- Industrial Design
- Intermediate Graphic Communications
- Introduction to Screen Printing
- Television Broadcasting 1
- Television Broadcasting 2
- Video Production 1
- Video Production 2
- Adobe Animate
- Adobe Illustrator
- Adobe InDesign
- Adobe Photoshop
- Adobe Premiere Pro
- Certiport Autodesk Maya

**Business, Finance & Marketing**

- 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
- Marketing 1
- Marketing 2
- Real Estate
- Retailing
- Sports and Entertainment Marketing
- Word Processing
- Entrepreneurial and Small Business (ESB) Certification
- IC3 Internet and Comp Core Cert
- IC3 Spark Digital Literacy Certification
- MOS Access
- MOS Excel or Excel Expert
- MOS OneNote
- MOS Outlook
- MOS PowerPoint
- MOS SharePoint
- MOS Word or Word Expert
- QuickBooks Certified User

**Education & Training**

- Adult Roles and Financial Literacy
- Adult Roles and Responsibilities
- Child Development
- Early Childhood Education 1A
- Early Childhood Education 1B
- Early Childhood Education 2
- Teaching as a Profession 1
- Teaching as a Profession 2
- Teaching as a Profession 3
- Teen Living
- Child Development Associates

**Engineering & Technology**

- 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)

**Health Science**

- 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
- Intro 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
- Veterinary Assistant 1
- Veterinary Assistant 2
- Veterinary Assistant 3
- Veterinary Assistant 4
- NCCT Medical Assisting
- Nurse Assistant (CNA)
- Pharmacy Technician
- Surgical Technician

**Hospitality & Tourism**

- Culinary Arts
- Culinary Management
- Event Planning and Management
- Hospitality and Tourism
- Lodging and Recreation
- Bars and Entertainment
- Catering
- ProStart® I
- ProStart® II
- ProStart® National Certification

**Human Services**

- Barbering
- Basic Esthetician & Skin Care
- Cosmetology
- Nail Technician

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*“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.
# Career and Technical Education

## Credentials of Value

**Portable. Stackable. Transferable. Third-party. Driven by Employers.**

## 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 Ethnical Hacking Associate
- Certiport Cyber Forensic Associate
- Certiport Unity
- Cisco, CCNA
- CompTIA A+ Essentials or HP ATA Connected Devices or TestOut PC Pro
- CompTIA Network+
- CompTIA Security+
- CompTIA Stratix IT Fundamentals
- CW Associate Design Specialist
- CW Internet Business Associate
- CW Site Development Associate
- CW 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 Windows Dev Fundamentals
- Novell Linux CLDA
- Novell Linux CNA
- TestOut Network Pro Fundamentals
- TestOut PC Pro
- Window OS Sys Fundamentals
- CompTIA Strata IT Fundamentals
- CW Associate Design Specialist
- CW Internet Business Associate
- CW Site Development Associate
- CW 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 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 Principles 2
- 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

## Law, Public Safety, Corrections & Security

- Law Enforcement

## Work-Based Learning

- 21st Century Success Skills

## CTE Skill Certifications

**112,867**

CTE Skill Certifications awarded

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**19,189**

Third-party* certifications earned

* Business, trade association, or other industry group

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*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.*

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*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.*

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*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.*

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Utah State Board of Education | Career and Technical Education
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