



CAREER AND TECHNICAL EDUCATION

CREDENTIALS OF VALUE

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

Agricultural Machinery Technology
 Agricultural Mechanics, Advanced
 Agricultural Science 1
 Agricultural Science 2
 Agricultural Systems Technology 1
 Agricultural Systems Technology 2
 Animal Science 1
 Animal Science 2
 Aquaculture
 Agricultural Biology
 Dietetics and Nutrition 1
 Environmental Technician (Test Pending)
 Equine Science 1
 Equine Science 2
 Equine Science, Year
 Floriculture

Floriculture, Advanced
 Floriculture and Greenhouse Management
 Food and Nutrition 1
 Greenhouse Management
 Guide Dog Training
 Landscape Architecture (Test Pending)
 Landscape Management
 Natural Resource Science 1
 Natural Resource Science 2
 Natural Resource Science 1A, Semester
 Nursery Operations
 Plant and Soil Science 1
 Plant and Soil Science 2
 Small and Companion Animal Science
 Veterinary Assistant 1
 Veterinary Assistant 2

BUSINESS, FINANCE & MARKETING

Accounting 1
 Accounting 2
 Accounting, Advanced
 Business Communication 1
 Business Communication 2
 Business Law
 Business Management
 Business Office Specialist
 Customer Service
 Digital Business Applications
 Digital Marketing
 Economics
 Entrepreneurship
 Exploring Business and Marketing
 Business Leadership 1
 Business Leadership 2
 Marketing 1
 Marketing 2

Business Mathematics Personal Finance
 Real Estate
 Retailing
 Sports and Entertainment Marketing
 Business and Marketing Capstone
 Entrepreneurship and Small Business Certification
 IC3 Internet and Computer Core Certification
 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

HEALTH SCIENCE

Biotechnology
 Dental Assistant: Dental Science 1
 Dental Assistant: Dental Science 2
 Dental Assistant: Dental Science 3
 Exercise Science/Sports Medicine
 Health Science, Introduction
 Medical Anatomy and Physiology
 Medical Anatomy and Physiology, Advanced
 Medical Assisting: Anatomy and Physiology
 Medical Assisting: Clinical and Lab Procedures
 Medical Assisting: Medical Office Mngmt.
 Medical Assisting: Medical Terminology
 Medical Forensics
 Medical Terminology
 Physical Therapy, Introduction
 Dental Assisting Dental Science IV BM 4 (Externship)
 Emergency Medical Response
 Emergency Medical Technician (EMT)
 Health Science Capstone
 NCCT Medical Assisting
 Nurse Assistant (CNA)
 Pharmacy Technician PTCB Exam
 Surgical Technician

ARCHITECTURE & CONSTRUCTION

CAD Architectural Design 1
 CAD Architectural Design 2
 CAD Architectural Design 3
 Carpentry 1
 Construction Trades Foundation
 Interior Design 1
 Interior Design 2

Interior Design, Advanced
 Plumbing
 Certiport Autodesk Maya
 Certiport Autodesk Revit
 Civil Engineering and Architecture (PLTW)
 Electrician 1, Apprentice
 Plumbing 1, Apprentice

EDUCATION & TRAINING

Adult Roles and Financial Literacy
 Adult Roles and Responsibilities
 Child Development
 Early Childhood Education 1
 Early Childhood Education 2
 Early Childhood Education 3

Teaching as a Profession 1
 Teaching as a Profession 2
 Teaching as a Profession 3
 Teen Living
 National CDA (Child Development Assoc.)

HOSPITALITY & TOURISM

Baking and Pastry
 Culinary Arts 1
 Culinary Arts 2
 Culinary Arts 3
 Event Planning and Management
 Hospitality and Tourism

Lodging and Recreation
 Food Handlers Permit
 ProStart® 1
 ProStart® 2
 ProStart® National Certification
 Serve Safe (Food Handler Manager)

ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS

3D Animation 1
 3D Animation 2
 3D Graphics
 Commercial Art 1
 Commercial Art 2
 Commercial Art 3
 Commercial Photography 1
 Commercial Photography 2
 Digital Audio (Test Pending)
 Digital Audio 1
 Digital Audio 2
 Digital Media 1
 Digital Media 2
 Digital Media, Advanced
 Fashion Design Studio
 Fashion Design Merchandising 1

Fashion Merchandising, Advanced
 Graphic Print Design 1
 Graphic Print Design 2
 Graphic Print Design 3
 Screen Printing Technology
 Sewing Construction and Textiles 1
 Sewing Construction and Textiles 2
 Sewing Construction and Textiles 3
 Sports and Outdoor Product Design 1
 Sports and Outdoor Product Design 2
 Textile Technology
 Television Broadcasting 1
 Television Broadcasting 2
 Video Production 1
 Video Production 2

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
 Aerospace Engineering (PLTW)
 Certiport Autodesk AutoCAD

Certiport Autodesk Inventor
 Civil Engineering & Architecture (PLTW)
 Computer Sc. & Software Engineering (PLTW)
 Digital Electronics CAD (PLTW)
 Engineering Capstone
 Engineering Design and Development Capstone (PLTW)
 Engineering Design (PLTW), Introduction
 Engineering Essentials (PLTW)
 Principles of Engineering Design (PLTW)
 Solid Works Associate Certification (CSWA)

HUMAN SERVICES

Behavioral Health (Test Pending)
 Family Studies 1 (Test Pending)
 Family Studies 2 (Test Pending)
 Human Development

Barbering
 Basic Esthetician & Skin Care
 Cosmetology
 Hair Design
 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.

SY 2022-2023

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

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COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Algorithms and Data Structures
 Cloud Computing 1
 Cloud Computing 2
 Computer Programming 1
 Computer Programming, Advanced
 Computer Programming 2 C++
 Computer Programming 2 C#
 Computer Programming 2 Java
 Computer Programming 2 Python
 Computer Science Principles
 Computer Systems 1
 Computer Systems 2
 Cybersecurity and Ethical Hacking (Test Pending)
 Database Development
 Exploring Computer Science
 Gaming Development Fundamentals
 Information Technology, Introduction
 Linux Fundamentals
 Mobile Development Fundamentals
 Network Fundamentals
 Security Fundamentals (Test Pending)
 UI/UX Design (Test Pending)
 Web Development 1
 Web Development 2
 AP Computer Science or IB Computer Science
 AP Computer Science Principles
 App Development with Swift Certification
 Adobe After Effects
 Adobe Animate
 Adobe Certified Associate (After Effects)
 Adobe Illustrator
 Adobe InDesign
 Adobe Rich Media Communications (Flash)
 Adobe Visual Communications (Photoshop)
 Adobe Visual Communications (Premiere)
 Adobe Web Communications (Dreamweaver)
 Avid Certified User: Media Composer
 Avid Certified User: Pro Tools
 AWA Cloud Practitioner
 Certiport Autodesk Revit
 Certiport Cyber Forensic Associate
 Certiport Ethical Hacking Associate
 Certiport Unity
 Cisco CCNA
 Cisco, CCNA Semester

CompTIA A+ Essentials
 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
 IB Computer Science
 ITS Artificial Intelligence
 ITS Cloud Computing
 ITS Computational Thinking
 ITS Cybersecurity
 ITS Data Analytics
 ITS Databases
 ITS Devise Configuration and Management
 ITS HTML and CCS
 ITS HTML5 Application Development
 ITS Java
 ITS JavaScript
 ITS Network Security
 ITS Networking
 ITS Python
 ITS Software Development
 Linux Pro TestOut
 Microsoft Azure AI Fundamentals
 Microsoft Azure Data Fundamentals
 Microsoft Azure Fundamentals
 Microsoft Certified Professional MCP EACH
 Microsoft 365 Fundamentals
 Microsoft Dynamics 365 Fundamentals
 Microsoft Dynamics 365 Fundamentals ERP
 Microsoft Power Platform Fundamentals
 Microsoft Security, Compliance, and Identity Fundamentals
 Novell CNA
 Novell Linux CLDA
 TestOut IT Fundamentals Pro
 TestOut Network Pro
 TestOut PC Pro

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

Woods 1
 Woods 2
 Woods 3
 AWS SENSE Level 1 Welder
 Computer Integrated Manufacturing (PLTW)
 Lean Manufacturing Bronze
 Six Sigma Yellow Belt

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Criminal Justice
 Cybersecurity Ethical Hacking (Test Pending)
 Law Enforcement

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Basic Automotive Collision Repair
 Automotive, Introduction
 Small Engines Repair
 Unmanned Aerial Systems
 ASE Auto Automatic Transmission/Transaxle
 ASE Auto Brakes (NA3 or ASE)
 ASE Auto Electrical/Electronics (NA3 or ASE)
 ASE Auto Engine Performance (NA3 or ASE)
 ASE Auto Engine Repair (NA3 or ASE)
 ASE Auto Heating and Air Conditioning (NA3 or ASE)
 ASE Auto Maintenance and Light Repair (NA3 or ASE)
 ASE Auto Manual Drive Train and Axles ASE
 ASE Auto Suspension/Steering (NA3 or ASE)
 ASE Diesel Brakes (NA3SA and/or ASE)
 ASE Diesel Electrical/Electronic System (NA3SA and/or ASE)
 ASE Diesel Engines (NA3SA and/or ASE)
 ASE Diesel Inspection and Light Repair
 ASE Diesel Suspension/Steering (NA3SA and/or ASE)
 ASE Mechanical and Electrical
 ASE Non-Structural Analysis and Damage Repair
 ASE Painting and Refinish
 ASE Structural Analysis and Damage Repair
 Automotive S/P2
 FAA Private Pilot
 Remote Pilot

“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.

119,286
 CTE Skill Certifications awarded

17,740*
 Third-party* certifications earned
* business, trade association, or other industry group

“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.

 **CTE**® Learning that works for Utah

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