



CAREER AND TECHNICAL EDUCATION

CREDENTIALS OF VALUE

CTE Skill Certificate Exams *

* Industry Exams

Utah students have the opportunity to earn certifications while in high school through participation in Career and Technical Education (CTE). Certifications are awarded through validation of skills in cooperation with a business, trade association, or other industry group. 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.

ADVANCED MANUFACTURING & ENGINEERING

- Electronics, Introduction
- Engineering Principles 1 *
- Engineering Principles 2 *
- Engineering Technology *
- Machining 1 *
- Machining 2 *
- Machining 3 *
- Manufacturing Principles 1 *
- Manufacturing Technology *
- Materials Science *
- Mechanical Design 1 *
- Mechanical Design 2 *
- Mechanical Design 3 *
- Non-Destructive Testing *
- Robotics 1 *
- Robotics 2 *
- Welding Technician: Advanced Level *
- Welding Technician: Entry Level *
- Welding Technician: Intermediate Level *
- Aerospace Engineering (PLTW)
- AWS SENSE Level 1 Welder
- Certiport Autodesk AutoCAD
- Certiport Autodesk Inventor
- Civil Engineering and Architecture (PLTW)
- Computer Integrated Manufacturing (PLTW)
- Digital Electronics
- Engineering Design and Dev. Capstone (PLTW)
- Engineering Design, Introduction (PLTW)
- Lean Manufacturing Bronze
- Principles of Engineering Design (PLTW)
- Six Sigma Yellow Belt
- Solidworks Associate Certification (CSWA)

AGRICULTURE

- Agricultural Biology *
- Agricultural Machinery Technology *
- Agricultural Mechanics and Technology 1
- Agricultural Mechanics and Technology 2
- Agricultural Mechanics, Advanced *
- Agricultural Science 1
- Agricultural Science 2
- Animal Science 1 *
- Animal Science 2 *
- Aquaculture *
- Dietetics and Nutrition 1
- Equine Science 1 *
- Equine Science 2 *
- Floriculture *
- Floriculture, Advanced *
- Floriculture and Greenhouse Management *
- Food and Nutrition
- Greenhouse Management *
- Guide Dog Training *
- Landscape Management *
- Nursery Operation *
- Plant and Soil Science 1 *
- Plant and Soil Science 2 *
- Small Companion Animal Science *
- Veterinary Assistant 1 *
- Veterinary Assistant 2 *
- Agricultural Systems Technology 1
- Agricultural Systems Technology 2
- Natural Resource Science 1
- Natural Resource Science 2

BUSINESS, MANAGEMENT & ENTREPRENEURSHIP

- Business Communication 1 *
- Business Communication 2 *
- Business Law *
- Business Leadership 1 *
- Business Leadership 2 *
- Business Management *
- Business Office Specialist *
- Customer Service *
- Digital Business Applications *
- Exploring Business, Finance and Marketing *
- Entrepreneurship
- Event Planning and Management
- MOS Excel
- MOS PowerPoint
- MOS Word
- Quickbooks Certified User
- Real Estate
- Retailing
- Small Business Math
- Word Expert

ARTS, ENTERTAINMENT & DESIGN

- 3D Animation 1
- 3D Animation 2 *
- 3D Graphics 1 *
- 3D Graphics 2 *
- 3D Print Technology *
- Commercial Art 1 *
- Commercial Art 2 *
- Commercial Art 3 *
- Commercial Photography 1 *
- Commercial Photography 2
- Digital Audio 1 *
- Digital Audio 2 *
- Digital Media 1 *
- Digital Media 2
- Fashion Design Merchandising 1 *
- Fashion Design Merchandising 2 *
- Fashion Design Studio *
- Graphic Print Design 1
- Graphic Print Design 2
- Graphic Print Design 3
- Radio Production 1 *
- Radio Production 2 *
- Sewing Construction and Textiles 1 *
- Sewing Construction and Textiles 2 *
- Sewing Construction and Textiles 3 *
- Screen Printing, Introduction
- Sports and Outdoor Product Design 1 *
- Sports and Outdoor Product Design 2 *
- Television Broadcasting 1 *
- Television Broadcasting 2 *
- Textile Technology *
- Video Production 1 *
- Video Production 2 *
- Adobe Premier Pro
- Adobe: Graphic Design and Illustration (Illustrator)
- Adobe: Print and Digital Media Pub. (InDesign)
- Screen Printing Technology
- Sports and Outdoor Recreation Marketing

CONSTRUCTION

- Architectural Design 1 *
- Architectural Design 2 *
- Architectural Design 3 *
- Carpentry 1 *
- Construction Trades Foundation *
- Interior Design 1 *
- Interior Design 2 *
- Interior Design 3 *
- Plumbing 1 *
- Woods 3 *
- Woodworking, Beginning *
- Woodworking, Intermediate *
- Autodesk 3DS MAX
- AutoDesk Maya
- Digital Electronics CAD (PLTW)
- Electrician Apprenticeship
- Electronics 1
- Electronics 2
- Plumbing 1 Apprenticeship

DIGITAL TECHNOLOGY

- Algorithms and Data Structures *
- Cloud Computing 1 *
- Cloud Computing 2 *
- Computer Programming 1 *
- Computer Programming 2 C# *
- Computer Programming 2 C++ *
- Computer Programming 2 Java *
- Computer Programming 2 Python *
- Computer Programming, Advanced *
- Computer Science Principles *
- Computer Systems 1 *
- Computer Systems 2 *
- Cybersecurity Forensics *
- Database Development *
- Exploring Computer Science *
- Game Development Fundamentals 1 *
- Game Development Fundamentals 2 *
- Information Technology, Introduction *
- Linux Fundamentals *
- Mobile Development Fundamentals
- Network Fundamentals *
- Principles of Cybersecurity Defense and Ethics *
- Web Development 1 *
- Web Development 2 *
- Web Development, Advanced *
- ITS HTML and CSS
- 3D Animation 1
- Adobe After Effects
- Adobe Animate
- Adobe Dreamweaver
- Adobe Express
- Adobe Illustrator
- Adobe InDesign
- Adobe: Visual Comm (Photoshop)
- AP CK-Fundamentals
- AP Computer Science A
- AP Computer Science Principles
- AVID Certified User: Media Composer
- AVID Certified User: ProTools
- AWS Cloud Practitioner Certification
- Certiport Autodesk Revit
- Certiport Revit Certification
- CompTIA A+
- CompTIA Cloud+
- CompTIA IT Fundamentals (ITF+)
- CompTIA Linux+
- CompTIA Network+
- CompTIA Tech+
- CompTIA TestOut CyberDefense Pro
- CompTIA TestOut Ethical Hacker Pro
- CompTIA TestOut IT Fundamentals Pro
- CompTIA TestOut Security Pro
- CompTIA TestOut Security+
- ComTIA Tech+
- Digital Media 2
- Digital Media, Advanced
- Graphic Print Design 1
- Graphic Print Design 2
- Graphic Print Design 3
- IB Computer Science HL 1
- IB Computer Science HL 2
- IB Computer Science SL 1
- Information Technology, Introduction
- ITS Cloud Computing
- ITS Computational Thinking
- ITS Cybersecurity
- ITS Databases
- ITS Device Configuration and Management
- ITS HTML and CSS
- ITS HTML 5 App Dev
- ITS JAVA
- ITS JavaScript
- ITS Networking Security
- ITS Python
- KP C# Coding Specialist
- KP C++ Coding Specialist
- KP HTML/CSS Specialist
- KP JavaScript Coding Specialist
- KP NET Coding Specialist
- KP PHP Coding Specialist
- KP Python Coding Specialist
- KP SQL Coding Specialist
- KP T-SQL Coding Specialist
- KP WordPress Certified Administrator
- KP WordPress Certified Developer
- KP WordPress Certified Editor
- Mobile Development Fundamentals
- TestOut Ethical Hacker Pro
- TestOut IT Fundamentals Pro
- TestOut Linux Pro
- TestOut Network Pro
- TestOut PC Pro
- TestOut Security Pro
- Unity Certified User
- Unity Certified User Artist
- Unity Certified VR Developer
- Unity VR Developer

"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.

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EDUCATION

Aspiring Educators *
 Child Development *
 Early Childhood Education 1 *
 Early Childhood Education 2 *
 Early Childhood Education 3 *
 Individual and Family Relationships
 Personal and Family Finance

Principles of Educational Instruction *
 Teaching as a Profession *
 National Child Development Assoc. (CDA)
 ParaPro Assessment
 ParEducator
 Project Para

ENERGY & NATURAL SOURCES

Natural Resource Science 1
 Natural Resource Science 1A

Natural Resource Science 2

FINANCIAL SERVICES

Accounting 1 *
 Accounting 2 *
 Accounting, Advanced *
 Economics *

General Financial Literacy
 Investing and Wealth Management *
 Small Business Math
 Personal and Family Finance

HEALTHCARE & HUMAN SERVICES

Behavioral Health Introduction *
 Biotechnology *
 Dental Assistant: Dental Science 1 *
 Dental Assistant: Dental Science 2 *
 Dental Assistant: Dental Science 3 *
 Exercise Science/Sports Medicine *
 Health Science, Introduction *
 Human Development *
 Medical Anatomy Physiology, Advanced *
 Medical Anatomy and Physiology *
 Medical Assistant: Anatomy and Physiology *
 Medical Assistant: Clinical and Lab Procedures *
 Medical Assistant: Medical Office Management *
 Medical Assistant: Medical Terminology *
 Medical Forensics *
 Medical Terminology *
 Physical Therapy, Introduction *

AST Surgical Technician
 Barbering
 Basic Esthetician and Skin Care
 Behavioral Health, Introduction
 Cosmetology
 Dental Science IV - BM 4 (Externship)
 Emergency Medical Technician
 Hair Design
 Health Science Capstone
 Individual and Family Relationships
 Nail Technician
 NCCT Medical Assisting Exam
 Nurse Assistant (CNA)
 PTCB Exam, Pharmacy Technician License
 Red Cross OR EMR National Registry

HOSPITALITY, EVENTS & TOURISM

Baking and Pastry *
 Culinary 1 *
 Culinary 2 *
 Culinary 3 *
 Event Planning and Management
 Food Production and Processing *
 Hospitality and Tourism *

Dietetics and Nutrition 1
 Food and Nutrition
 Food Handler's Permit
 Prostart National Certification 1
 Prostart National Certification 2
 Serve Safe Food Handler Manager

MARKETING

Digital Electronics
 Digital Marketing *
 Digital Media, Advanced
 Influencer and Content Marketing *

Marketing 1 *
 Real Estate
 Retailing
 Sports and Outdoor Recreation Marketing

PUBLIC SERVICE & SAFETY

Criminal Justice, Introduction *
 Law Enforcement *

SUPPLY CHAIN & TRANSPORTATION

Automotive, Introduction *
 Basic Automotive Collision Repair *
 Private Pilot *
 Small Engine Repair *
 UAS Lab: Design, Build, Maintain-PILOT
 UAS Lab: Intermediate Flight-PILOT
 Unmanned Aerial Systems *
 ASE Auto Brakes (NA3 or ASE)
 ASE Auto Electrical/Electronics (NA3 or ASE)
 ASE Auto Engine Performance (NA3 or ASE)
 ASE Auto Maint. and Light Repair (NA3 or ASE)
 ASE Auto Suspension/Steering (NA3 or ASE)
 ASE Diesel Brakes Certification
 ASE Diesel Electrical/Electronic System Cert.

ASE Diesel Engines Certification
 ASE Diesel Suspension/Steering Certification
 ASE Non-Structural Analysis and Damage Repair Certification
 ASE Painting and Refinishing ASE Certification
 ASE Structural Analysis and Damage Repair ASE Certification
 ASE Certification
 Automotive S/P2
 FAA Private Pilot Knowledge Exam
 Remote Pilot Certification
 Unmanned Aerial Systems Lab: Design, Build, Maintain
 Unmanned Aerial Systems Lab: Intermediate Flight

"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.

"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.

299,866*
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