# Industry Credentials for Teachers Seeking an Initial Virginia License with Endorsement(s) in an Area of Career and Technical Education

**Guidance Document**

**§22.1-298.1 of the *Code of Virginia***

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Office of Career, Technical, and Adult Education

Updated November 2023

**INDUSTRY CREDENTIALS FOR TEACHERS  
SEEKING AN INITIAL VIRGINIA LICENSE WITH ENDORSEMENT(S) IN  
AN AREA OF CAREER AND TECHNICAL EDUCATION**

## **GUIDANCE DOCUMENT**

### BACKGROUND INFORMATION

Section § 22.1-298.1 of the Code of Virginia requires that every teacher seeking an initial license in the Commonwealth with an endorsement in the area of career and technical education shall have an industry certification credential in the area in which the teacher seeks endorsement. If a teacher seeking an initial license in the Commonwealth has not attained an industry certification credential in the area in which the teacher seeks endorsement, the Board may, upon request of the employing school division or educational agency, issue the teacher a provisional license to allow time for the teacher to attain such credential.

The *2023-2024* *Industry Credentials for Teachers Seeking an Initial Virginia License with Endorsement(s) in an Area of Career and Technical Education Guidance Document* is available on the Virginia Department of Education’s website. This document provides: (1) the teacher-eligible list of approved industry certification examinations; (2) name of the issuing organization; and (3) the specific career and technical education area(s), including the corresponding endorsement codes. The web-based list allows users to access contact information and details for each credentialing assessment.

Industry credentials that are eligible for teachers seeking an **initial** teaching license with endorsements in the area of career and technical education (CTE) are derived from the Virginia Board of Education-approved list of industry certifications, occupational competency assessments, and state licenses for high school students. For test validity and security reasons, not all issuing organizations allow teachers to take the student examinations.

In Virginia, industry credentials are defined as:

* State-issued professional license, required for entry into a specific occupation as determined by a Virginia state licensing agency (e.g., Licensed Practical Nurse (LPN), Cosmetology License, Real Estate Salesperson License);
* Industry Certification from a recognized industry, trade, or professional association validating essential skills of a particular occupation. These certifications may consist of a suite of examinations from entry level to full certification (e.g., CompTIA A+ Certification Examinations, Automotive Service Excellence (ASE) Certification Examinations, and ServeSafe Food Protection Manager Certification); and
* Occupational Competency Assessment, a national standardized assessment of skills/knowledge in a specific career and/or technical area, (e.g., National Occupational Competency Testing Institute (NOCTI) Mechanical Drafting and Design Assessment).

Approximately 430 state-issued professional licenses, industry certification examinations, and occupational competency assessments have been approved by the Virginia Board of Education. These certifications are reviewed and approved annually; credentials may be updated, added, or removed if they are outdated and no longer meet the Board’s goals. Experienced CTE teachers and industry panels are involved in the annual review process and provide recommendations that are presented to the Board of Education for approval.

### DIRECTIONS FOR SELECTING INDUSTRY CREDENTIALING ASSESSMENTS

There are seven broad career and technical education (CTE) areas that do not include Military Science: Agricultural Education; Business and Information Technology; Family and Consumer Sciences Education; Health and Medical Sciences Education; Marketing; Military Science; Technology Education; and Trade and Industrial Education. Within each broad CTE area there are specific endorsement areas for which teachers may apply for an **initial** Virginia teaching license (e.g., the endorsement areas within Agricultural Education are: Agricultural Education; Horticulture; Agriculture Machinery Service; Landscaping Technology; and Veterinary Aide).

Directions for obtaining information on the Board of Education-approved industry credentials that are eligible for teachers who are seeking an initial Virginia teaching license with an endorsement in an area of CTE are as follows:

* **Locate** the “broad” CTE area of interest in the chart.
* **Identify** the CTE endorsement area for which you are submitting an application for an initial teaching license to the Virginia Department Education, Department of Teacher Education and Licensure. (Refer to the third column, CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS.)
* **Click** on the name of an industry credential that matches the appropriate CTE endorsement area to obtain contact information and additional testing details. In many instances, several credentialing assessments may be listed from which you may choose one to complete.
* **Arrange** to take the credentialing assessment as directed by the issuing organization or testing provider.

If you have any questions about the teacher-eligible industry credentials, please contact the Virginia Department of Education, Office of Career, Technical, and Adult Education at [cte@doe.virginia.gov](mailto:cte@doe.virginia.gov) or by telephone at (804) 418-4720.

**INDUSTRY CREDENTIALS FOR TEACHERS**

**SEEKING AN INITIAL LICENSE WITH ENDORSEMENT(S) IN**

**AN AREA OF CAREER AND TECHNICAL EDUCATION**

### FREQUENTLY ASKED QUESTIONS

**Q1. Do I have to meet the industry credential requirement for licensure if I already hold an active Virginia teaching license with an endorsement in career and technical education, such as Marketing Education?**

**A1. The requirement is for teachers applying for initial licensure in Virginia on or after July 1, 2014. Since you have a Virginia teaching license that was issued before July 1, 2014, this licensure requirement does not apply to you.**

**Q2. Is there an option for a teacher seeking an initial Virginia license with an endorsement in an area of career and technical education who has not earned an industry credential in the area in which he/she seeks endorsement but has been offered employment by a Virginia public school division?**

**A2. Yes, the employing Virginia school division may request the Board of Education to issue a provisional (three-year nonrenewable) CTE teacher license. This provision will allow time for the CTE teacher to earn a Board-approved industry credential in the area of endorsement.**

**Q3. Is the approved list for teachers seeking an initial license the same as the Board-approved list for Virginia public high school students?**

**A3. No, the list of industry credentialing examinations for teachers seeking initial licensure with an endorsement in an area of career and technical education is not the exact same list as that approved for Virginia public high school students. For test validity and security reasons, not all issuing organizations allow teachers to take the student examinations.**

**Q4. Where can I learn more about the industry credentialing examinations and where they are administered?**

**A4. By clicking on each industry credential in the chart, you may obtain additional testing information such as contacts for the issuing organization, examination cost, testing administration, number of test items, testing accommodations, and pre-test availability.**

**Q5. How often is the list of industry credentials updated for teachers seeking initial licensure with an endorsement in an area of CTE?**

**A5. The Virginia Department of Education updates the teacher-eligible list annually (late spring) after the student list of industry, professional, trade association certification examinations and occupational competency assessments has been reviewed and approved by the Virginia Board of Education.**

**The update may consist of technical changes to the credential names, additions of new credentials, and deletions of outdated credentials. Industry, professional, and trade association certifications are continually being revised or discontinued to stay current with technology and new techniques. These changes may be such that individual certifications are no longer available, no longer meet the Board of Education’s criteria, or require additional criteria such as work experience beyond high school.**

**Q6. How do I show proof of passing a Virginia Board of Education-approved industry credentialing examination for initial licensure?**

**A6. Upon successful completion of the industry certification examination, a certificate or other written documentation is provided by the issuing organization directly to the test taker. This certificate or documentation must be included in the Application for Virginia License.**

**VIRGINIA DEPARTMENT OF EDUCATION**

**OFFICE OF CAREER, TECHNICAL, AND ADULT EDUCATION (CTE)**

## **2023-2024 VIRGINIA TEACHER-ELIGIBLE INDUSTRY CREDENTIALING ASSESSMENTS**

**UPDATED NOVEMBER 2023**

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The *2023-2024* *Industry Credentials for Teachers Seeking an Initial Virginia License with Endorsement(s) in an Area of Career and Technical Education Guidance Document* is available on the Virginia Department of Education’s website. This document provides: (1) the teacher-eligible list of approved industry certification examinations; (2) name of the issuing organization; and (3) the specific career and technical education area(s), including the corresponding endorsement codes. The web-based list allows users to access contact information and details for each credentialing assessment.

| AGRICULTURAL EDUCATION NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [[A\*S\*K Concepts of Entrepreneurship and Management Assessment](https://www.cteresource.org/resources/credentials/ask-concepts-of-entrepreneurship-and-management-assessment/)](http://cteresource.org/credentials/2021-2022/ASK%20Concepts%20of%20Entrepreneurship%20and%20Management%20Assessment.pdf) | ASK Business Institute/MBA Research and Curriculum Center (Administered by NOCTI) | 8000 - Agricultural Education |
| [[BASF Plant Science Certification Examination](http://cteresource.org/credentials/2021-2022/BASF%20Plant%20Science%20Certification%20Examination.pdf)](https://www.cteresource.org/resources/credentials/basf-plant-science-certification-examination/) | BASF (Administered by CEV Multimedia) | 8000 - Agricultural Education 8005 – Horticulture  8010 - Landscaping Technology |
| [Beef Quality Assurance Examination](https://www.cteresource.org/resources/credentials/beef-quality-assurance-examination/) | Virginia Cooperative Extension/VT APSC | 8000 - Agricultural Education  8622 - Veterinary Aide |
| [Canine Care and Training Program Level 1 Certification Examination](https://www.cteresource.org/resources/credentials/canine-care-and-training-program-level-1-certification-examination/) | Continental Kennel Club, Inc. | 8000 - Agricultural Education  8622 - Veterinary Aide |
| [Certified Grounds Technician Examination](https://www.cteresource.org/resources/credentials/certified-grounds-technician-examination/) | Professional Grounds Management Society (PGMS) | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Certified Turfgrass Professional Examination](https://www.cteresource.org/resources/credentials/certified-turfgrass-professional-examination/) | Virginia Tech Turf Extension | 8000 - Agricultural Education 8005 - Horticulture  8010 - Landscaping Technology |
| [Certified Veterinary Assistant (CVA) Examination (AAH)](https://www.cteresource.org/resources/credentials/certified-veterinary-assistant-cva-examination-aah/) | American Allied Health (AAH) | 8000 - Agricultural Education 8622 - Veterinary Aide |
| [Certified Veterinary Assistant Examination (TVMA)](https://www.cteresource.org/resources/credentials/certified-veterinary-assistant-examination-tvma/) | Texas Veterinary Medical Association | 8000 - Agricultural Education 8622 - Veterinary Aide |
| [Certified Commercial Pesticide Applicator Examination](https://www.cteresource.org/resources/credentials/certified-commercial-pesticide-applicator-examination/) | Virginia Department of Agriculture and Consumer Services (VDACS) | 8000 - Agricultural Education 8005 – Horticulture 8010 - Landscaping Technology |
| [Certified Private Applicator Examination](https://www.cteresource.org/resources/credentials/certified-private-applicator-examination/) | Virginia Department of Agriculture and Consumer Services (VDACS) | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Certified Registered Technician Pesticide Applicator Examination](https://www.cteresource.org/resources/credentials/certified-registered-technician-pesticide-applicator-examination/) | Virginia Department of Agriculture and Consumer Services (VDACS) | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Chesapeake Bay Landscape Professional-Associate (CBLP-A) Examination](https://www.cteresource.org/resources/credentials/chesapeake-bay-landscape-professional-associate-cblp-a-examination/) | Chesapeake Conservation Landscaping Council (CCLC) | 8000 - Agricultural Education  8005 – Horticulture  8010 - Landscaping Technology |
| [Ecology Conservation & Management Certification Examination](https://www.cteresource.org/resources/credentials/ecology-conservation---management-certification-examination/) | Ducks Unlimited (DU)  (Administered by CEV Multimedia) | 8000 - Agricultural Education |
| [EETCTechnician Certification Tests](https://www.cteresource.org/resources/credentials/group/eetc-technician-certification-tests/) (pass any one) | Equipment and Engine Training Council (EETC)  (Administered by CEV Multimedia) | 8000 - Agricultural Education 8005 - Horticulture 8008 - Agriculture Machinery Service 8010 - Landscaping Technology |
| [Equine Management and Evaluation Certification Examination](https://www.cteresource.org/resources/credentials/equine-management-and-evaluation-certification-examination/) | National Horse Judging Team Coaches’ Association (NHJTCA) (Administered by CEV Multimedia) | 8000 - Agricultural Education 8622 - Veterinary Aide |
| [Flux Core Arc Welding (FCAW) Examination](https://www.cteresource.org/resources/credentials/flux-core-arc-welding-fcaw-examination/) | American Welding Society (AWS) | 8000 - Agricultural Education 8008 - Agricultural Machinery Service |
| [Food Safety & Science Certification Examination](https://www.cteresource.org/resources/credentials/food-safety---science-certification/) | American Meat Science Association (Administered by CEV Multimedia) | 8000 - Agricultural Education |
| [Fundamentals of Animal Science Certification Examination](https://www.cteresource.org/resources/credentials/fundamentals-of-animal-science-certification-examination/) | Elanco (Administered by CEV Multimedia) | 8000 - Agricultural Education  8622 - Veterinary Aide |
| [Gas Metal Arc Welding (GMAW) Examination](https://www.cteresource.org/resources/credentials/gas-metal-arc-welding-gmaw-examination/) | American Welding Society (AWS) | 8000 - Agricultural Education 8008 - Agricultural Machinery Service |
| [Gas Tungsten Arc Welding (GTAW) Examination](https://www.cteresource.org/resources/credentials/gas-tungsten-arc-welding-gtaw-examination/) | American Welding Society (AWS) | 8000 - Agricultural Education 8008 - Agricultural Machinery Service |
| [Greenhouse Operators Certification Examination](https://www.cteresource.org/resources/credentials/greenhouse-operators-certification-examination/) | Virginia Greenhouse Growers Association (VGGA) | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Landscape Management Certification Examination](https://www.cteresource.org/resources/credentials/landscape-management-certification-examination/) | Green Industry Web (GIW) Portal | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Master Service Technician Examinations](https://www.cteresource.org/resources/credentials/master-service-technician-examinations/) (pass all five) | Briggs & Stratton, LLC | 8000 - Agricultural Education 8005 - Horticulture 8008 - Agriculture Machinery Service 8010 - Landscaping Technology |
| [American Meat Science Association Meat Evaluation Certification](https://www.cteresource.org/resources/credentials/american-meat-science-association-meat-evaluation-certification/) | American Meat Science Association (Administered by CEV Multimedia) | 8000 - Agricultural Education |
| [Pet Sitters Certification Examination](https://www.cteresource.org/resources/credentials/pet-sitters-certification-examination/) | National Association Professional Pet Sitters (NAPPS) | 8000 - Agricultural Education 8622 - Veterinary Aide |
| [Principles of Floral Design Certification Examination](https://www.cteresource.org/resources/credentials/principles-of-floral-design-certification-examination/) | Benz School of Floral Design (Administered by CEV Multimedia) | 8000 - Agricultural Education 8005 - Horticulture |
| [Principles of Livestock Selection and Evaluation Certification Examination](https://www.cteresource.org/resources/credentials/principles-of-livestock-selection-and-evaluation-certification-examination/) | National Collegiate Livestock Coaches Association (NCLCA) (Administered by CEV Multimedia) | 8000 - Agricultural Education |
| [Professional Communication Certification Examination](https://www.cteresource.org/resources/credentials/professional-communication-certification-examination/) | Southwest Airlines (Administered by CEV Multimedia) | 8000 - Agricultural Education 8005 - Horticulture 8008 - Agriculture Machinery Service 8010 - Landscaping Technology  8622 - Veterinary Aide |
| [Shielded Metal Arc Welding (SMAW) Examination](https://www.cteresource.org/resources/credentials/shielded-metal-arc-welding-smaw-examination/) | American Welding Society (AWS) | 8000 - Agricultural Education 8008 - Agricultural Machinery Service |
| [Turfgrass Management Certification Program Examination](https://www.cteresource.org/resources/credentials/turfgrass-management-certification-program-examination/) | Green Industry Web (GIW) Portal | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Urban Forestry Certification Test](https://www.cteresource.org/resources/credentials/urban-forestry-certification-test/) | Green Industry Web (GIW) Portal | 8000 - Agricultural Education 8005 - Horticulture 8010 - Landscaping Technology |
| [Veterinary Medical Applications Certification Examination](https://www.cteresource.org/resources/credentials/veterinary-medical-applications-certification-examination/) | Elanco (Administered by CEV Multimedia) | 8000 - Agricultural Education  8622 - Veterinary Aide |
| [W!SE Certification in Personal Finance Test for Educators](https://www.wise-ny.org/programs-services/financial-literacy/personal-finance-certification-educators/) | Working in Support of Education (W!SE) | 8000 - Agricultural Education |

| BUSINESS AND INFORMATION TECHNOLOGY NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [AAPC Medical Coding Examinations](https://www.cteresource.org/resources/credentials/aapc-medical-coding-examinations/) (pass any one) | American Academy of Professional Coders (AAPC) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Adobe Certified Professional Examinations](https://www.cteresource.org/resources/credentials/group/adobe-certified-professional-examinations/) (pass any one) | Adobe Systems, Inc.  (Administered by Certiport) | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [App Development with Swift Examinations](https://www.cteresource.org/resources/credentials/group/app-development-with-swift-examinations/) (pass any one) | Apple (Administered by Certiport) | 6900 - Business and Information Technology |
| [A\*S\*K Concepts of Entrepreneurship and Management Assessment](https://www.cteresource.org/resources/credentials/ask-concepts-of-entrepreneurship-and-management-assessment/) | ASK Business Institute/MBA Research and Curriculum Center (Administered by NOCTI) | 6900 - Business and Information Technology |
| [A\*S\*K Fundamental Business Concepts Assessment](https://www.cteresource.org/resources/credentials/ask-fundamental-business-concepts-assessment/) | ASK Business Institute/MBA Research and Curriculum Center (Administered by NOCTI) | 6900 - Business and Information Technology 6910 - Medical Office Procedures 6920 - Legal Office Procedures |
| [AWS Certified Cloud Practitioner Certification Examination](https://www.cteresource.org/resources/credentials/aws-certified-cloud-practitioner-certification-examination/) | Amazon Web Services (AWS) (Administered by CertMetrics) | 6610 – Data Processing  6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [CPE - C++ Certified Entry-Level Programmer Examination](https://www.cteresource.org/resources/credentials/c---certified-entry-level-programmer-cpe-examination/) | C++ Institute (Administered by Pearson) | 6610 – Data Processing  6620 - Database Management 6900 - Business and Information Technology |
| [Certified Cybersecurity Technician (CCT) Examination](https://www.cteresource.org/resources/credentials/certified-cybersecurity-technician-cct-examination/) | EC-Council | 6630 - Networking  6900 - Business and Information Technology |
| [Certified Electronic Health Records Specialist (CEHRS) Examination](https://www.cteresource.org/resources/credentials/certified-electronic-health-records-specialist-cehrs-examination/) | National Healthcareer Association (NHA) | 6500 - Business Education - Stenography  6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Certified Entry-Level Python Programmer (PCEP) Examination](https://www.cteresource.org/resources/credentials/certified-entry-level-python-programmer-pcep-examination/) | OpenEDG Python Institute | 6900 - Business and Information Technology |
| [Certified Ethical Hacker (CEH) Examination](https://www.cteresource.org/resources/credentials/certified-ethical-hacker/) | EC-Council | 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Advanced HTML 5 and CSS3 Specialist Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-advanced-html-5-and-css3-specialist-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Data Analyst Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-data-analyst-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Database Design Specialist Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-database-design-specialist-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Internet Business Associate Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-internet-business-associate-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) JavaScript Specialist Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-javascript-specialist-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Multimedia Specialist Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-multimedia-specialist-examination/) | Certification Partners, LLC | 6630 - Networking  6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Network Technology Associate Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-network-technology-associate-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Site Development Associate Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-site-development-associate-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Social Media Strategist Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-social-media-strategist-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) User Interface Designer Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-user-interface-designer-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Internet Web (CIW) Web Security Associate Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-web-security-associate-examination/) | Certification Partners, LLC | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Certified Medical Administrative Assistant (CMAA) Examination (NHA)](https://www.cteresource.org/resources/credentials/certified-medical-administrative-assistant-cmaa-examination-nha/) | National Healthcareer Association (NHA) | 6500 - Business Education - Stenography  6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Certified Medical Coder and Biller (CMCB)](https://www.cteresource.org/resources/credentials/certified-medical-coder-and-biller-cmcb/) | American Allied Health (AAH) | 6900 - Business and Information Technology |
| [Certified Network Defender (CND) Examination](https://www.cteresource.org/resources/credentials/certified-network-defender-cnd-examination/) | EC-Council | 6630 - Networking  6900 - Business and Information Technology |
| [Certified Secure Computer User (CSCU) Examination](https://www.cteresource.org/resources/credentials/certified-secure-computer-user-cscu-examination/) | EC-Council | 6900 - Business and Information Technology |
| [Cisco Certified Cyberops Associate Examination](https://www.cteresource.org/resources/credentials/cisco-certified-cyberops-associate-examination/) | Cisco Systems Inc. | 6630 - Networking  6900 - Business and Information Technology |
| [Cisco Certified DevNet Associate Examination](https://www.cteresource.org/resources/credentials/cisco-certified-devnet-associate-examination/) | Cisco Systems Inc. | 6630 - Networking  6900 - Business and Information Technology |
| [Cisco Certified Networking Associate (CCNA) Examination](https://www.cteresource.org/resources/credentials/cisco-certified-networking-associate-ccna-examination/) | Cisco Systems Inc. | 6630 - Networking  6900 - Business and Information Technology |
| [CLA-C Programming Language Certified Associate Examination](https://www.cteresource.org/resources/credentials/cla-c-programming-language-certified-associate-certification-examination/) | C++ Institute | 6900 - Business and Information Technology |
| [CLE-C Certified Entry-Level Programmer Examination](https://www.cteresource.org/resources/credentials/cle-c-certified-entry-level-programmer-certification-examination/) | C++ Institute | 6900 - Business and Information Technology |
| [Cloud+ Certification Examination](https://www.cteresource.org/resources/credentials/cloud--certification-examination/) | CompTIA | 6900 - Business and Information Technology |
| [Cloud Essentials+ Certification Examination](https://www.cteresource.org/resources/credentials/cloud-essentials--certification-examination/) | CompTIA | 6630 - Networking 6900 - Business and Information Technology |
| [CodeHS Cybersecurity Level 2 Certification Examination](https://www.cteresource.org/resources/credentials/codehs--cybersecurity-level-2-certification-examination/) | CodeHS | 6610 - Data Processing  6620 - Database Management 6630 - Networking  6900 - Business and Information Technology |
| [CodeHS Level 1 Certification Examinations](https://www.cteresource.org/resources/credentials/group/codehs-level-1-certification-examinations/) (pass any one) | CodeHS | 6610 - Data Processing  6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Communication Skills for Business: Professional Communication Examination](https://www.cteresource.org/resources/credentials/communication-skills-for-business-professional-communication-examination/) | Certiport | 6900 - Business and Information Technology |
| [Computer Hacking Forensic Investigator (CHFI) Examination](https://www.cteresource.org/resources/credentials/computer-hacking-forensic-investigator-chfi-examination/) | EC-Council | 6630 - Networking  6900 - Business and Information Technology |
| [CPA-C++ Certified Associate Programmer Certification Examination](https://www.cteresource.org/resources/credentials/cpa-c---certified-associate-programmer-certification/) | C++ Institute | 6900 - Business and Information Technology |
| [CompTIA Cybersecurity Analyst (CySA+) Certification Examination](https://www.cteresource.org/resources/credentials/cybersecurity-analyst-cysa--certification-examination/) | CompTIA | 6630 - Networking 6900 - Business and Information Technology |
| [Digital Forensics Essentials (DFE) Examination](https://www.cteresource.org/resources/credentials/digital-forensics-essentials-dfe-examination/) | EC-Council | 6630 - Networking  6900 - Business and Information Technology |
| [EC-Council Certified Incident Handler (ECIH) Examination](https://www.cteresource.org/resources/credentials/ec-council-certified-incident-handler-ecih-examination/) | EC-Council | 6630- Networking  6900- Business and Information Technology |
| [Electronic Health Record Certification (EHRC) Examination](https://www.cteresource.org/resources/credentials/electronic-health-record-certification-ehrc-examination/) | American Medical Certification Association (AMCA) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Ethical Hacking Essentials (EHE) Examination](https://www.cteresource.org/resources/credentials/ethical-hacking-essentials-ehe-examination/) | EC-Council | 6630 - Networking  6900 - Business and Information Technology |
| [IC3 Digital Literacy Certification Examination](https://www.cteresource.org/resources/credentials/group/ic3-digital-literacy-certification-examination/) | Certiport | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Information Technology Specialist Certification Examinations](https://www.cteresource.org/resources/credentials/group/information-technology-specialist-certification-examinations/) (pass any one) | Certiport | 6900 - Business and Information Technology |
| [Intuit Certified Bookkeeping Professional Certification Examination](https://www.cteresource.org/resources/credentials/intuit-certified-bookkeeping-professional-certification-examination/) | Certiport | 6900 - Business and Information Technology |
| [Intuit QuickBooks Certified User (QBCU) Certification Test](https://www.cteresource.org/resources/credentials/intuit-quickbooks-certified-user-qbcu-certification-test/) | Certiport | 6900 - Business and Information Technology |
| [Intuit Design for Delight Innovator Certification Examination](https://www.cteresource.org/resources/credentials/intuit-design-for-delight-innovator/) | Certiport | 6900 - Business and Information Technology |
| [IT Fundamentals Pro Examination](https://www.cteresource.org/resources/credentials/it-fundamentals-pro-examination/) | TestOut Corp. | 6900 - Business and Information Technology |
| [JSA-Certified Associate JavaScript Programmer Examination](https://www.cteresource.org/resources/credentials/jsa-certified-associate-javascript-programmer/) | OpenEDG JavaScript Institute | 6900 - Business and Information Technology |
| [JSE-Certified Entry-Level JavaScript Programmer Examination](https://www.cteresource.org/resources/credentials/jse-certified-entry-level-javascript-programmer/) | OpenEDG JavaScript Institute | 6900 - Business and Information Technology |
| [Linux+ Certification Examination](https://www.cteresource.org/resources/credentials/linux--certification-examination/) | CompTIA | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Medical Administrative Assistant Certification (MAAC) Examination](https://www.cteresource.org/resources/credentials/medical-administrative-assistant-certification-maac-examination/) | American Medical Certification Association (AMCA) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Medical Coder & Biller Certification (MCBC) Examination](https://www.cteresource.org/resources/credentials/medical-coder---biller-certification-mcbc-examination/) | American Medical Certification Association (AMCA) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Medical Coding and Billing Specialist (MCBS) Examination](https://www.cteresource.org/resources/credentials/medical-coding-and-billing-specialist-mcbs-examination/) | American Allied Health (AAH) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Microsoft Certified Educator Examination](https://learn.microsoft.com/en-us/certifications/microsoft-certified-educator/) | Microsoft | 6900 - Business and Information Technology |
| [Microsoft Certified Fundamentals Examinations](https://www.cteresource.org/resources/credentials/group/microsoft-certified-fundamentals-examinations/) (pass any one) | Microsoft (Administered by Certiport) | 6900 - Business and Information Technology |
| [Microsoft Office Specialist (MOS) Examinations](https://www.cteresource.org/resources/credentials/group/microsoft-office-specialist-mos-examinations/) (pass any one) | Microsoft (Administered by Certiport) | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology 6910 - Medical Office Procedures 6920 - Legal Office Procedures |
| [National Certified Insurance and Coding Specialists (NCICS) Examination](https://www.cteresource.org/resources/credentials/national-certified-insurance-and-coding-specialists-ncics-examination/) | National Center for Competency Testing (NCCT) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [National Registered Certified Administrative Health Assistant (NRCAHA) Examination](https://www.cteresource.org/resources/credentials/national-registered-certified-administrative-health-assistant-nrcaha-examination/) | National Association for Health Professionals (NAHP) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Nationally Registered Certified Coding Specialist (NCCS) Examination](https://www.cteresource.org/resources/credentials/nationally-registered-certified-coding-specialist-ncccs-examination/) | National Association for Health Professionals (NAHP) | 6900 - Business and Information Technology  6910 - Medical Office Procedures  6000 - Bus. Educ.-General Office Procedures |
| [Network+ Certification Examination](https://www.cteresource.org/resources/credentials/network--certification-examination/) | CompTIA | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Network Defense Essentials (NDE) Examination](https://www.cteresource.org/resources/credentials/network-defense-essentials-nde-examination/) | EC-Council | 6630 - Networking  6900 - Business and Information Technology |
| [Network Pro Certification Examination](https://www.cteresource.org/resources/credentials/network-pro-certification-examination/) | TestOut Corp. | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Oracle Certified Associate, Java SE 8 Programmer Examination](https://www.cteresource.org/resources/credentials/oracle-certified-associate-java-se-8-programmer-examination/) | Oracle University | 6900 - Business and Information Technology |
| [Oracle Certified Foundations Associate Examinations](https://www.cteresource.org/resources/credentials/group/oracle-certified-foundations-associate-examinations/) (pass any one) | Oracle University | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Oracle Database SQL Certified Associate Examination](https://www.cteresource.org/resources/credentials/oracle-database-sql-certified-associate-examination/) | Oracle University | 6900 - Business and Information Technology |
| [PC Pro Certification Examination](https://www.cteresource.org/resources/credentials/pc-pro-certification-examination/) | TestOut Corp. | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Personal Financial Literacy Certification Examination](https://www.cteresource.org/resources/credentials/personal-financial-literacy-certification-examination/) | Center for Financial Responsibility (CFR) | 6900 - Business and Information Technology |
| [PMI Project Management Ready Examination](https://www.cteresource.org/resources/credentials/pmi-project-management-ready-certification/) | Certiport | 6900 - Business and Information Technology |
| [Security Pro Certification Examination](https://www.cteresource.org/resources/credentials/security-pro-certification-examination/) | TestOut Corp. | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [Security+ Certification Examination](https://www.cteresource.org/resources/credentials/security--certification-examination/) | CompTIA | 6620 - Database Management 6630 - Networking 6900 - Business and Information Technology |
| [W!SE Certification in Personal Finance Test for Educators](https://www.wise-ny.org/programs-services/financial-literacy/personal-finance-certification-educators/) | Working in Support of Education (W!SE) | 6900 - Business and Information Technology |

| FAMILY AND CONSUMER SCIENCES EDUCATION NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [Broad Field Family and Consumer Sciences Assessment](https://www.cteresource.org/resources/credentials/broad-field-family-and-consumer-sciences-assessment/) | American Association of Family and Consumer Sciences (AAFCS) | 8200 - Family and Consumer Sciences 8230 - Work and Family Studies- Occupational 8250 - Fashion Design & Merchandising- Occupational 8251 - Child Care Occupations  8253 - Interior Design Occupations 8254 - Family & Human Services 8535 - Culinary Arts |
| [Certified Front Desk Representative Examination](https://www.cteresource.org/resources/credentials/certified-front-desk-representative-examination/) | American Hotel and Lodging Educational Institute (AHLEI) | 8200 - Family and Consumer Sciences  8230 - Work and Family Studies- Occupational  8245 - Occupational Foods |
| [[Certified Hospitality and Tourism Management Professional (CHTMP) Examination](http://cteresource.org/credentials/2021-2022/Certified%20Hospitality%20and%20Tourism%20Management%20Professional%20Examination.pdf)](https://www.cteresource.org/resources/credentials/certified-hospitality-and-tourism-management-professional-examination/) | National Restaurant Association | 8200 - Family and Consumer Sciences 8230 - Work and Family Studies- Occupational  8245 - Occupational Foods |
| [Child Development Associate (CDA) Assessment](https://www.cteresource.org/resources/credentials/child-development-associate-cda-assessment/) | The Council for Professional Recognition | 8200 - Family and Consumer Sciences  8230 - Work and Family Studies- Occupational  8251 - Childcare Occupations |
| [Food Protection Manager Certification](https://www.cteresource.org/resources/credentials/food-protection-manager-certification/) | Always Food Safe | 8200 - Family and Consumer Sciences 8230 - Work and Family Studies - Occupational 8535 – Culinary Arts |
| [ParaPro Assessment](https://www.cteresource.org/resources/credentials/parapro-assessment/) | Educational Testing Service (ETS) | 8200 - Family and Consumer Sciences  8230 - Work and Family Studies-Occupational  8251 - Child Care Occupations |
| [ServSafe Food Protection Manager Certification](https://www.cteresource.org/resources/credentials/servsafe-food-protection-manager-certification/) | National Restaurant Association | 8200 - Family and Consumer Sciences  8230 - Work and Family Studies- Occupational  8535 - Culinary Arts |
| [W!SE Certification in Personal Finance Test for Educators](https://www.wise-ny.org/programs-services/financial-literacy/personal-finance-certification-educators/) | Working in Support of Education (W!SE) | 8200 - Family and Consumer Sciences |

| HEALTH AND MEDICAL SCIENCES EDUCATION NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [AAPC Medical Coding Examinations](https://www.cteresource.org/resources/credentials/aapc-medical-coding-examinations/) (pass any one) | American Academy of Professional Coders (AAPC) | 8624 – Medical Coding and Billing |
| [Certified Clinical Medical Assistant (CCMA) Examination (NHA)](https://www.cteresource.org/resources/credentials/certified-clinical-medical-assistant-ccma-examination-nha/) | National Healthcareer Association (NHA) | 8555 - Medical Assistant |
| [Certified Billing and Coding Specialist (CBCS) Examination (NHA)](https://www.cteresource.org/resources/credentials/certified-billing-and-coding-specialist-cbcs-examination-nha/) | National Healthcareer Association (NHA) | 8624 – Medical Coding and Billing |
| [Certified Electronic Health Records Specialist (CEHRS) Examination](https://www.cteresource.org/resources/credentials/certified-electronic-health-records-specialist-cehrs-examination/) | National Healthcareer Association (NHA) | 8624 – Medical Coding and Billing  8555 - Medical Assistant |
| [Certified EKG Technician (CET) Examination (AAH)](https://www.cteresource.org/resources/credentials/certified-ekg-technician-cet-examination-aah/) | American Allied Health (AAH) | 8555 - Medical Assistant |
| [Certified EKG Technician (CET) Examination (NHA)](https://www.cteresource.org/resources/credentials/certified-ekg-technician-cet-examination-nha/) | National Healthcareer Association (NHA) | 8555 - Medical Assistant |
| [Certified Medical Administrative Assistant (CMAA) Examination (NHA)](https://www.cteresource.org/resources/credentials/certified-medical-administrative-assistant-cmaa-examination-nha/) | National Healthcareer Association (NHA) | 8555 - Medical Assistant |
| [Clinical Medical Assistant Certification (CMAC) Examination](https://www.cteresource.org/resources/credentials/clinical-medical-assistant-certification-cmac-examination/) | American Medical Certification Association (AMCA) | 8555 - Medical Assistant |
| [Certified Medical Coder and Biller (CMCB)](https://www.cteresource.org/resources/credentials/certified-medical-coder-and-biller-cmcb/) | American Allied Health (AAH) | 8624 - Medical Coding and Billing |
| [Certified Optometric Assistant (COA) Examination (AAH)](https://www.cteresource.org/resources/credentials/certified-optometric-assistant-coa-examination-aah/) | American Allied Health (AAH) | 8549 - Vision Care Technician |
| [Certified Pharmacy Technician (CPhT) Examination](https://www.cteresource.org/resources/credentials/certified-pharmacy-technician-cpht-examination/) | Pharmacy Technician Certification Board (PTCB) | 8623 - Pharmacy Technician |
| [Certified Phlebotomy Technician (CPT) Examination (AAH)](https://www.cteresource.org/resources/credentials/certified-phlebotomy-technician-cpt-examination-aah/) | American Allied Health (AAH) | 8555 - Medical Assistant 8556 - Medical Laboratory Technician |
| [Certified Phlebotomy Technician (CPT) Examination (NHA)](https://www.cteresource.org/resources/credentials/certified-phlebotomy-technician-cpt-examination-nha/) | National Healthcareer Association (NHA) | 8555 - Medical Assistant 8556 - Medical Laboratory Technician |
| [Certified Physical Therapy Aide (CPTA) Examination (AAH)](https://www.cteresource.org/resources/credentials/certified-physical-therapy-aide-cpta-examination-aah/) | American Allied Health (AAH) | 8615 - Occupational/Physical Therapy Assistant |
| [Certified Surgical Technologist (CST) Examination](https://www.cteresource.org/resources/credentials/certified-surgical-technologist-cst-examination/) | National Board of Surgical Technology and Surgical Assisting (NBSTSA) | 8710 - Surgical Technology - Core Instructor 8711 - Surgical Technology - Program Director |
| [Dental Support Technician Certification (DSTC) Examination](https://www.cteresource.org/resources/credentials/dental-support-technician-certification-dstc-examination/) | American Medical Certification Association (AMCA) | 8550 - Dental Aides |
| [EKG Technician Certification (ETC) Examination](https://www.cteresource.org/resources/credentials/ekg-technician-certification-etc-examination/) | American Medical Certification Association (AMCA) | 8555 - Medical Assistant  8557 - Emergency Medical Technician |
| [Electronic Health Record Certification (EHRC) Examination](https://www.cteresource.org/resources/credentials/electronic-health-record-certification-ehrc-examination/) | American Medical Certification Association (AMCA) | 8624 – Medical Coding and Billing  8555 - Medical Assistant |
| [Limited Licensed Radiology Technologist (LLRT) Examination (AAH)](https://www.cteresource.org/resources/credentials/limited-licensed-radiology-technologist-llrt-examination-aah/) | American Allied Health (AAH) | 8558-Radiologic Technology |
| [Medical Administrative Assistant Certification (MAAC) Examination](https://www.cteresource.org/resources/credentials/medical-administrative-assistant-certification-maac-examination/) | American Medical Certification Association (AMCA) | 8555 - Medical Assistant |
| [Medical Assistant Certification (MAC) Examination](https://www.cteresource.org/resources/credentials/medical-assistant-certification-mac-examination/) | American Medical Certification Association (AMCA) | 8555 - Medical Assistant |
| [Medical Coder & Biller Certification (MCBC) Examination](https://www.cteresource.org/resources/credentials/medical-coder---biller-certification-mcbc-examination/) | American Medical Certification Association (AMCA) | 8624 – Medical Coding and Billing |
| [Medical Coding and Billing Specialist (MCBS) Examination](https://www.cteresource.org/resources/credentials/medical-coding-and-billing-specialist-mcbs-examination/) | American Allied Health (AAH) | 8624 – Medical Coding and Billing |
| [National Certified Insurance and Coding Specialists (NCICS) Examination](https://www.cteresource.org/resources/credentials/national-certified-insurance-and-coding-specialists-ncics-examination/) | National Center for Competency Testing (NCCT) | 8624 – Medical Coding and Billing |
| [National Certified Medical Assistant (NCMA) Examination](https://www.cteresource.org/resources/credentials/national-certified-medical-assistant-ncma-examination/) | National Center for Competency Testing (NCCT) | 8555 - Medical Assistant |
| [National Certified Phlebotomy Technician (NCPT) Examination](https://www.cteresource.org/resources/credentials/national-certified-phlebotomy-technician-ncpt-examination/) | National Center for Competency Testing (NCCT) | 8555 - Medical Assistant 8556 - Medical Laboratory Technician |
| [Nationally Registered Certified Administrative Health Assistant (NRCAHA) Examination](https://www.cteresource.org/resources/credentials/national-registered-certified-administrative-health-assistant-nrcaha-examination/) | National Association for Health Professionals (NAHP) | 8555 - Medical Assistant |
| [Nationally Registered Certified Coding Specialist (NCCS) Examination](https://www.cteresource.org/resources/credentials/nationally-registered-certified-coding-specialist-ncccs-examination/) | National Association for Health Professionals (NAHP) | 8624 – Medical Coding and Billing |
| [Nationally Registered Certified EKG Technician (NRCEKG) Examination](https://www.cteresource.org/resources/credentials/nationally-registered-certified-ekg-technician-nrcekg-examination/) | National Association for Health Professionals (NAHP) | 8555 - Medical Assistant |
| [Nationally Registered Certified Medical Assistant (NRCMA) Examination](https://www.cteresource.org/resources/credentials/nationally-registered-certified-medical-assistant-nrcma-examination/) | National Association for Health Professionals (NAHP) | 8555 -Medical Assistant |
| [Nationally Registered Certified Phlebotomy Technician (NRCPT) Examination](https://www.cteresource.org/resources/credentials/nationally-registered-certified-phlebotomy-technician-nrcpt-examination/) | National Association for Health Professionals (NAHP) | 8555 - Medical Assistant 8556 - Medical Laboratory Technician |
| [Nationally Registered Certified Surgical Technician (NRCST) Examination](https://www.cteresource.org/resources/credentials/nationally-registered-certified-surgical-technician-nrcst-examination/) | National Association for Health Professionals (NAHP) | 8710 - Surgical Technology - Core Instructor 8711 - Surgical Technology - Program Director |
| [Patient Care Technician (PCT) Examination](https://www.cteresource.org/resources/credentials/patient-care-technician-pct-examination/) | American Medical Technologists (AMT) | 8555 - Medical Assistant |
| [Phlebotomy Technician Certification (PTC) Examination](https://www.cteresource.org/resources/credentials/phlebotomy-technician-certification-ptc-examination/) | American Medical Certification Association (AMCA) | 8555 - Medical Assistant 8556 - Medical Laboratory Technician |
| [Registered Medical Assistant (RMA) Examination (AAH)](https://www.cteresource.org/resources/credentials/registered-medical-assistant-rma-examination/) | American Allied Health (AAH) | 8555 - Medical Assistant |
| [Registered Phlebotomy Technician (RPT) Examination](https://www.cteresource.org/resources/credentials/registered-phlebotomy-technician-rpt-examination/) | American Medical Technologists (AMT) | 8555 - Medical Assistant 8556 - Medical Laboratory Technician |
| [Tech in Surgery–Certified (TS-C) Examination](https://www.cteresource.org/resources/credentials/tech-in-surgerycertified-ts-c-examination/) | National Center for Competency Testing (NCCT) | 8710 - Surgical Technology - Core Instructor 8711 - Surgical Technology - Program Director |

| MARKETING NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [A\*S\*K Concepts of Entrepreneurship and Management Assessment](https://www.cteresource.org/resources/credentials/ask-concepts-of-entrepreneurship-and-management-assessment/) | ASK Business Institute (Administered by NOCTI) | 8100 - Marketing Education 8140 - International Marketing |
| [A\*S\*K Concepts of Finance Assessment](https://www.cteresource.org/resources/credentials/ask-concepts-of-finance-assessment/) | ASK Business Institute (Administered by NOCTI) | 8100 - Marketing Education 8140 - International Marketing |
| [A\*S\*K Fundamental Marketing Concepts Assessment](https://www.cteresource.org/resources/credentials/ask-fundamental-marketing-concepts-assessment/) | ASK Business Institute (Administered by NOCTI) | 8100 - Marketing Education 8110 - Apparel and Accessories 8130 - Hotel/Motel Operations 8140 - International Marketing 8170 - Sports/Entertainment/Recreation 8180 - Travel and Tourism |
| [Business of Retail: Operations and Profit Examination](https://www.cteresource.org/resources/credentials/business-of-retail-operations-and-profit-examination/) | NRF Foundation | 8100 - Marketing Education 8110 - Apparel and Accessories 8130 - Hotel/Motel Operations 8140 - International Marketing 8170 - Sports/Entertainment/Recreation 8180 - Travel and Tourism |
| [Certified Front Desk Representative Examination](https://www.cteresource.org/resources/credentials/certified-front-desk-representative-examination/) | American Hotel and Lodging Association (AHLA) | 8100 - Marketing Education 8130 - Hotel/Motel Operations  8180 – Travel and Tourism |
| [[Certified Hospitality and Tourism Management Professional (CHTMP) Examination](http://cteresource.org/credentials/2021-2022/Certified%20Hospitality%20and%20Tourism%20Management%20Professional%20Examination.pdf)](https://www.cteresource.org/resources/credentials/certified-hospitality-and-tourism-management-professional-examination/)  (pass Level 1 and Level 2) | National Restaurant Association | 8100 - Marketing Education 8130 - Hotel/Motel Operations  8180 – Travel and Tourism |
| [Customer Service and Sales Certification Assessment](https://www.cteresource.org/resources/credentials/customer-service-and-sales-certification-assessment/) | NRF Foundation | 8100 - Marketing Education 8110 - Apparel and Accessories 8130 - Hotel/Motel Operations 8140 - International Marketing 8170 - Sports/Entertainment/Recreation 8180 - Travel and Tourism |
| [Intuit Design for Delight Innovator Certification Examination](https://www.cteresource.org/resources/credentials/intuit-design-for-delight-innovator/) | Certiport | 8100 - Marketing Education  8110 - Apparel and Accessories  8130 - Hotel/Motel Operations  8140 - International Marketing  8170 - Sports/Entertainment/Recreation  8180 - Travel and Tourism |
| [PMI Project Management Ready Examination](https://www.cteresource.org/resources/credentials/pmi-project-management-ready-certification/) | Certiport | 8100 - Marketing Education  8110 - Apparel and Accessories  8130 - Hotel/Motel Operations  8140 - International Marketing  8170 - Sports/Entertainment/Recreation  8180 - Travel and Tourism |
| [Retail Industry Fundamentals Certification Assessment](https://www.cteresource.org/resources/credentials/retail-industry-fundamentals-certification-assessment/) | NRF Foundation | 8100 - Marketing Education  8110 - Apparel and Accessories |
| [W!SE Certification in Personal Finance Test for Educators](https://www.wise-ny.org/programs-services/financial-literacy/personal-finance-certification-educators/) | Working in Support of Education (W!SE) | 8100 - Marketing Education 8140 - International Marketing |

| TECHNOLOGY EDUCATION NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [3DEXPERIENCE SOLIDWORKS Associate Academic Examination](https://www.cteresource.org/resources/credentials/3dexperience-solidworks-associate-academic/) | SOLIDWORKS Corp. | 7200 – Technology Education |
| [Architectural Apprentice Drafter Examination](https://www.cteresource.org/resources/credentials/architectural-apprentice-drafter-examination/) | American Design Drafting Association (ADDA) | 7200 - Technology Education |
| [Architectural Certified Drafter Examination](https://www.cteresource.org/resources/credentials/architectural-certified-drafter-examination/) | American Design Drafting Association (ADDA) | 7200 - Technology Education |
| [Adobe Certified Professional Examinations](https://www.cteresource.org/resources/credentials/group/adobe-certified-professional-examinations/) (pass any one) | Adobe Systems Inc. (Administered by Certiport) | 7200 - Technology Education |
| [Autodesk Certified Associate in CAD for Mechanical Design Examination](https://www.cteresource.org/resources/credentials/autodesk-certified-associate-in-cad-for-mechanical-design/) | Autodesk | 7200 – Technology Education |
| [Autodesk Certified Expert in Generative Design for Manufacturing Examination](https://www.cteresource.org/resources/credentials/autodesk-certified-expert-in-generative-design-for-manufacturing-examination/) | Autodesk | 7200 – Technology Education |
| [Autodesk Certified Professional Examinations](https://www.cteresource.org/resources/credentials/group/autodesk-certified-professional-examinations/) (pass any one) | Autodesk | 7200 - Technology Education |
| [Autodesk Certified User Examinations](https://www.cteresource.org/resources/credentials/group/autodesk-certified-user-examinations/) (pass any one) | Autodesk  (Administered by Certiport) | 7200 - Technology Education |
| [Avid Certified/Operator Examinations](https://www.cteresource.org/resources/credentials/group/avid-certified-operator-examinations/) | Avid Technology, Inc. | 7200 - Technology Education |
| [Avid Certified/User Examinations](https://www.cteresource.org/resources/credentials/group/avid-certified-user-examinations/) | Avid Technology, Inc. | 7200 - Technology Education |
| [Business Certificate for Manufacturing Examination](https://www.cteresource.org/resources/credentials/business-certificate-for-manufacturing-examination/) | Manufacturing Skills Institute (MSI) | 7200 - Technology Education |
| [Certified Logistics Associate (CLA) Examination](https://www.cteresource.org/resources/credentials/certified-logistics-associate-cla-examination/) | Manufacturing Skills Standards Council (MSSC) | 7200 - Technology Education |
| [Certified Logistics Technician (CLT) Associate Examination](https://www.cteresource.org/resources/credentials/certified-logistics-technician-clt-associate-examination/) | Manufacturing Skills Standards Council (MSSC) | 7200 - Technology Education |
| [Certified Production Technician (CPT) 4.0 Assessments](https://www.cteresource.org/resources/credentials/group/certified-production-technician-cpt-40-assessment/)  (pass all four) | Manufacturing Skill Standards Council (MSSC) | 7200 - Technology Education |
| [Certified SOLIDWORKS Associate (CSWA) Examination](https://www.cteresource.org/resources/credentials/certified-solidworks-associate-cswa-examination/) | SOLIDWORKS Corp. | 7200 - Technology Education |
| [Certified SOLIDWORKS Professional (CSWP) Examination](https://www.cteresource.org/resources/credentials/certified-solidworks-professional-cswp-examination/) | SOLIDWORKS Corp. | 7200 - Technology Education |
| [Digital Video Editor (DVE) Examination](https://www.cteresource.org/resources/credentials/digital-video-editor-dve-examination/) | Electronics Technicians Association (ETA) International | 7200 - Technology Education |
| [Energy Industry Fundamentals Certificate Assessment](https://www.cteresource.org/resources/credentials/energy-industry-fundamentals-certificate-assessment/) | Center for Energy Workforce Development | 7200 - Technology Education |
| [FANUC Certified Robot Operator with ROBOGUIDE Assessment](https://www.cteresource.org/resources/credentials/certified-robot-operator-1-assessment/) | FANUC America Corp. | 7200 - Technology Education |
| [Festo NC3 Introduction to Mechatronics STEM Lab Certification](https://www.cteresource.org/resources/credentials/festo-nc3-introduction-to-mechatronics-stem-lab-certification/) | NC3 National Coalition of Certification Centers | 7200 – Technology Education |
| [Festo NC3 Level 1: Fundamentals Certifications](https://www.cteresource.org/resources/credentials/group/festo-nc3-level-1-fundamentals-certifications/) (pass any one) | NC3 National Coalition of Certification Centers | 7200 – Technology Education |
| [IC3 Digital Literacy Certification Examinations](https://www.cteresource.org/resources/credentials/group/ic3-digital-literacy-certification-examination/) | Certiport | 7200 - Technology Education |
| [GIS Fundamentals Foundation Examination](https://www.cteresource.org/resources/credentials/gis-fundamentals-foundation-examination/) | Environmental Systems Research Institute (ESRI) | 7200 – Technology Education |
| [Laboratory Technician Certification Examination](https://www.cteresource.org/resources/credentials/laboratory-technician-certification-examination/) | Manufacturing Skills Institute (MSI) | 7200 - Technology Education |
| [Manufacturing Specialist Certification Examination](https://www.cteresource.org/resources/credentials/manufacturing-specialist-certification-examination/) | Manufacturing Skills Institute (MSI) | 7200 - Technology Education |
| [Manufacturing Technician Level 1 (MT1) Certification Examination](https://www.cteresource.org/resources/credentials/manufacturing-technician-level-1-certification-examination/) | Manufacturing Skills Institute (MSI) | 7200 - Technology Education |
| [Mechanical Apprentice Drafter Examination](https://www.cteresource.org/resources/credentials/mechanical-apprentice-drafter-examination/) | American Design Drafting Association (ADDA) | 7200 - Technology Education |
| [Mechanical Certified Drafter Examination](https://www.cteresource.org/resources/credentials/mechanical-certified-drafter-examination/) | American Design Drafting Association (ADDA) | 7200 - Technology Education |
| [Mechatronics Systems Certification Examinations](https://www.cteresource.org/resources/credentials/group/mechatronics-systems-certification-examinations/) (pass any one) | Siemens AG | 7200 – Technology Education |
| [Modeling and Simulation Certification Examination](https://www.cteresource.org/resources/credentials/modeling-and-simulation-certification-examination/) | National Center for Simulation | 7200 - Technology Education |
| [Onshape Certified Associate Examination](https://www.cteresource.org/resources/credentials/onshape-certified-associate-examination/) | Onshape, Inc. | 7200 – Technology Education |
| [Pre-Engineering Certification Examinations](https://www.cteresource.org/resources/credentials/group/pre-engineering-certification-examinations/) | Robotics Education Competition Foundation (RECF) | 7200 - Technology Education |
| [Rapid Prototyping & 3D Design Beginner Certification Examination](https://www.cteresource.org/resources/credentials/rapid-prototyping---3d-design-beginner-certification-examination/) | Digital Quest | 7200 - Technology Education |
| [Robotics Certification Examination](https://www.cteresource.org/resources/credentials/group/robotics-certification-examination/) | Robotics Education Competition Foundation (RECF) | 7200 - Technology Education |
| [Smart Automation Associate Certifications](https://www.cteresource.org/resources/credentials/group/smart-automation-associate-certifications/) (pass any one) | Smart Automation Certification Alliance (SACA) | 7200 – Technology Education |
| [Smart Manufacturing and Advanced Robotics Training (SMART) Certification Examination](https://www.cteresource.org/resources/credentials/smart-manufacturing-and-advanced-robotics-training-smart-certification-examination/) | Carnegie Mellon Robotics Academy | 7200 – Technology Education |
| [Spatial Projects and Community Exchange (SPACE) Examination](https://www.cteresource.org/resources/credentials/spatial-projects-and-community-exchange-space-examination/) | Digital Quest Inc. | 7200 - Technology Education |
| [Spatial Technology and Remote Sensing (STARS) Certification Examination](https://www.cteresource.org/resources/credentials/spatial-technology-and-remote-sensing-stars-certification-examination/) | Digital Quest Inc. | 7200 - Technology Education |
| [Stratasys Additive Manufacturing Certification–Level 1 Examination](https://www.cteresource.org/resources/credentials/stratasys-additive-manufacturing-certificationlevel-1-examination/) | Stratasys | 7200 - Technology Education |
| [Unity Certified UserExaminations](https://www.cteresource.org/resources/credentials/group/unity-certified-user-examinations/)  (pass any one) | Unity Technologies | 7200 - Technology Education |

| TRADE AND INDUSTRIAL EDUCATION NAME OF CREDENTIAL | **ISSUING ORGANIZATION** | **CAREER AND TECHNICAL EDUCATION (CTE) ENDORSEMENT AREAS** |
| --- | --- | --- |
| [A+ Certification Examination](https://www.cteresource.org/resources/credentials/a--certification-examination/) | CompTIA | 8425 - Electronics Technology  8490 - Computer Systems Technology |
| [Adobe Certified Professional Examinations](https://www.cteresource.org/resources/credentials/group/adobe-certified-professional-examinations/) (pass any one) | Adobe Systems Inc. (Administered by Certiport) | 8401 - Commercial Photography 8530 - Advertising Design  8563 – Graphic Imaging Technology  8625 – Television Production  8560 - Printing |
| [Air Cooled Engine Gasoline Engines Expert Technician Test](https://www.cteresource.org/resources/credentials/air-cooled-engine-gasoline-engines-expert-technician-test/) | Kohler Engines | 8418 – Small Engine Repair |
| [Architectural Apprentice Drafter Examination](https://www.cteresource.org/resources/credentials/architectural-apprentice-drafter-examination/) | American Design Drafting Association (ADDA) | 8465 - Drafting |
| [Architectural Certified Drafter Examination](https://www.cteresource.org/resources/credentials/architectural-certified-drafter-examination/) | American Design Drafting Association (ADDA) | 8465 - Drafting |
| [ASE Certification Examinations](https://www.cteresource.org/resources/credentials/group/ase-certification-examinations/) | National Institute for Automotive Service Excellence (ASE) | 8410 - Automotive Technology 8412 - Diesel Equipment Technology 8419 - Motor Sports Technology  8415 – Auto Body Repair |
| [Associate Certified Electronics Technician (CETa) Examination](https://www.cteresource.org/resources/credentials/associate-certified-electronics-technician-ceta-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology  8541 - Industrial Robotics |
| [Autodesk Certified Associate in CAD for Mechanical Design Examination](https://www.cteresource.org/resources/credentials/autodesk-certified-associate-in-cad-for-mechanical-design/) | Autodesk | 8465 - Drafting |
| [Autodesk Certified Expert in Generative Design for Manufacturing Examination](https://www.cteresource.org/resources/credentials/autodesk-certified-expert-in-generative-design-for-manufacturing-examination/) | Autodesk | 8465 - Drafting |
| [Autodesk Certified Professional Examinations](https://www.cteresource.org/resources/credentials/group/autodesk-certified-professional-examinations/) (pass any one) | Autodesk | 8465 - Drafting |
| [Autodesk Certified User Examinations](https://www.cteresource.org/resources/credentials/group/autodesk-certified-user-examinations/) (pass any one) | Autodesk  (Administered by Certiport) | 8465 - Drafting |
| [Avid Certified/Operator Examinations](https://www.cteresource.org/resources/credentials/group/avid-certified-operator-examinations/) | Avid Technology, Inc. | 8625 - Television Production 8563 - Graphic Imaging Technology |
| [Avid Certified/User Examinations](https://www.cteresource.org/resources/credentials/group/avid-certified-user-examinations/) | Avid Technology, Inc. | 8625 - Television Production 8563 - Graphic Imaging Technology |
| [Carpentry Level One Entry-Level Assessment](https://www.cteresource.org/resources/credentials/nccer-carpentry-level-one-entry-level-assessment/) | National Center for Construction Education & Research (NCCER) | 8430 - Building Trades 8431 - Carpentry 8434 - Cabinetmaking |
| [Certified Alarm Security Technician (CAST) Examination](https://www.cteresource.org/resources/credentials/certified-alarm-security-technician-cast-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Certified Broadcast Technologist (CBT) Examination](https://www.cteresource.org/resources/credentials/certified-broadcast-technologist-cbt-examination/) | The Society of Broadcast Engineers (SBE) | 8425 - Electronics Technology  8626 - Radio Communication  8625 - Television Production |
| [Certified Cybersecurity Technician (CCT) Examination](https://www.cteresource.org/resources/credentials/certified-cybersecurity-technician-cct-examination/) | EC-Council | 8490 - Computer Systems Technology |
| [Certified Internet Web (CIW) Multimedia Specialist Examination](https://www.cteresource.org/resources/credentials/certified-internet-web-ciw-multimedia-specialist-examination/) | Certification Partners, LLC | 8490 - Computer Systems Technology |
| [Certified Network Defender (CND) Examination](https://www.cteresource.org/resources/credentials/certified-network-defender-cnd-examination/) | EC-Council | 8490 - Computer Systems Technology |
| [Certified Radio Operator (CRO) Examination](https://www.cteresource.org/resources/credentials/certified-radio-operator-cro-examination/) | The Society of Broadcast Engineers (SBE) | 8425 - Electronics Technology  8626 - Radio Communication |
| [Certified Satellite Installer (CSI) Examination](https://www.cteresource.org/resources/credentials/certified-satellite-installer-csi-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Certified Television Operator Examination](https://www.cteresource.org/resources/credentials/certified-television-operator-examination/) | The Society of Broadcast Engineers (SBE) | 8425 - Electronics Technology  8625 - Television Production |
| [Cisco Certified CyberOps Associate Examination](https://www.cteresource.org/resources/credentials/cisco-certified-cyberops-associate-examination/) | Cisco Systems Inc. | 8425 - Electronics Technology  8490 - Computer Systems Technology |
| [Cisco Certified DevNet Associate Examination](https://www.cteresource.org/resources/credentials/cisco-certified-devnet-associate-examination/) | Cisco Systems Inc. | 8425 - Electronics Technology  8490 - Computer Systems Technology |
| [Cisco Certified Networking Associate (CCNA) Examination](https://www.cteresource.org/resources/credentials/cisco-certified-networking-associate-ccna-examination/) | Cisco Systems Inc. | 8425 - Electronics Technology  8490 - Computer Systems Technology |
| [Cloud+ Certification Examination](https://www.cteresource.org/resources/credentials/cloud--certification-examination/) | CompTIA | 8490- Computer Systems Technology |
| [Cloud Essentials+ Certification Examination](https://www.cteresource.org/resources/credentials/cloud-essentials--certification-examination/) | CompTIA | 8425 - Electronics Technology 8490 - Computer Systems Technology |
| [Computer-Aided Manufacturing (CAM) – Level 1 Examinations](https://www.cteresource.org/resources/credentials/group/computer-aided-manufacturing-camlevel-1-examinations/) (pass any one) | National Institute for Metalworking Skills Inc. (NIMS) | 8451- Precision Machining Technology |
| [Computer Hacking Forensic Investigator (CHFI) Examination](https://www.cteresource.org/resources/credentials/computer-hacking-forensic-investigator-chfi-examination/) | EC-Council | 8490 - Computer Systems Technology |
| [Computer Service Technician (CST) Examination](https://www.cteresource.org/resources/credentials/computer-service-technician-cst-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology 8490 - Computer Systems Technology |
| [Construction Technology Assessment](https://www.cteresource.org/resources/credentials/nccer-construction-technologist-entry-level-assessment/) | National Center for Constructional Education & Research (NCCER) | 8426 - Building and Grounds Maintenance 8427 - Building Maintenance 8431 - Carpentry 8440 - Sheet Metal 8443 - Masonry |
| [Core: Introduction to Basic Construction Skills Assessment](https://www.cteresource.org/resources/credentials/nccer-core-introduction-to-basic-construction-skills-assessment/) | National Center for Construction Education & Research (NCCER) | 8426 - Building and Grounds Maintenance 8427 - Building Maintenance 8431 - Carpentry 8440 - Sheet Metal 8443 - Masonry |
| [Cybersecurity Analyst (CySA+) Certification Examination](https://www.cteresource.org/resources/credentials/cybersecurity-analyst-cysa--certification-examination/) | CompTIA | 8425 – Electronics Technology  8490 – Computer Systems Technology |
| [Data Cabling Installer (DCI) Examination](https://www.cteresource.org/resources/credentials/data-cabling-installer-dci-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Digital Forensics Essentials (DFE) Examination](https://www.cteresource.org/resources/credentials/digital-forensics-essentials-dfe-examination/) | EC-Council | 8490 - Computer Systems Technology |
| [EC-Council Certified Incident Handler (ECIH) Examination](https://www.cteresource.org/resources/credentials/ec-council-certified-incident-handler-ecih-examination/) | EC-Council | 8490 - Computer Systems Technology |
| [EETCTechnician Certification Tests](https://www.cteresource.org/resources/credentials/group/eetc-technician-certification-tests/) (pass any one) | Equipment and Engine Training Council (EETC) (Administered by CEV Multimedia) | 8418 – Small Engine Repair |
| [Electronics Module: AC (EM2) Examination](https://www.cteresource.org/resources/credentials/electronics-module-ac-em2-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Electronics Module: Analog (EM3) Examination](https://www.cteresource.org/resources/credentials/electronics-module-analog-em3-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Electronics Module: Comprehensive (EM5) Examination](https://www.cteresource.org/resources/credentials/electronics-module-comprehensive-em5-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Electronics Module: DC (EM1) Examination](https://www.cteresource.org/resources/credentials/electronics-module-dc-em1-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Electronics Module: Digital (EM4) Examination](https://www.cteresource.org/resources/credentials/electronics-module-digital-em4-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [EPA Technician Examinations](https://www.cteresource.org/resources/credentials/group/epa-technician-examinations/) (pass any one) | Environmental Protection Agency (Authorized Entity) | 8542 – Industrial Maintenance Technology |
| [Ethical Hacking Essentials (EHE) Examination](https://www.cteresource.org/resources/credentials/ethical-hacking-essentials-ehe-examination/) | EC-Council | 8490 - Computer Systems Technology |
| [Festo NC3 Introduction to Mechatronics STEM Lab Certification](https://www.cteresource.org/resources/credentials/festo-nc3-introduction-to-mechatronics-stem-lab-certification/) | NC3 National Coalition of Certification Centers | 8425 – Electronics Technology  8541 – Industrial Robotics |
| [Festo NC3 Level 1: Fundamentals Certifications](https://www.cteresource.org/resources/credentials/group/festo-nc3-level-1-fundamentals-certifications/) (pass any one) | NC3 National Coalition of Certification Centers | 8425 – Electronics Technology  8541 – Industrial Robotics |
| [Fiber Optics Installer (FOI) Examination](https://www.cteresource.org/resources/credentials/fiber-optics-installer-foi-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Flux Core Arc Welding (FCAW) Examination](https://www.cteresource.org/resources/credentials/flux-core-arc-welding-fcaw-examination/) | American Welding Society (AWS) | 8580 - Welding |
| [Gas Metal Arc Welding (GMAW) Examination](https://www.cteresource.org/resources/credentials/gas-metal-arc-welding-gmaw-examination/) | American Welding Society (AWS) | 8580 - Welding |
| [Gas Tungsten Arc Welding (GTAW) Examination](https://www.cteresource.org/resources/credentials/gas-tungsten-arc-welding-gtaw-examination/) | American Welding Society (AWS) | 8580 - Welding |
| [General Communications Technician–Level 1 (GCT1) Examination](https://www.cteresource.org/resources/credentials/general-communications-technicianlevel-1-gct1-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [General Radiotelephone Operator (GRO) Examination](https://www.cteresource.org/resources/credentials/general-radiotelephone-operator-gro-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology  8626 - Radio Communication |
| [Heavy Equipment Operations Level One Assessment](https://www.cteresource.org/resources/credentials/nccer-heavy-equipment-operations-level-one-entry-level-assessment/) | National Center for Construction Education & Research (NCCER) | 8413 - Utility/Heavy Construction Technician 8416 - Heavy Equipment Operations |
| [Industrial Technology Maintenance–Level 1 Examinations](https://www.cteresource.org/resources/credentials/group/industrial-technology-maintenancelevel-1-examinations/) (pass any one) | National Institute for Metalworking Skills (NIMS) | 8542 – Industrial Maintenance Technology |
| [International Code Council Residential Building Inspector (B1) Examination](https://www.cteresource.org/resources/credentials/international-code-council-residential-building-inspector-b1-examination/) | International Code Council (ICC) | 8431 - Carpentry |
| [International Code Council Residential Electrical Inspector (E1) Examination](https://www.cteresource.org/resources/credentials/international-code-council-residential-electrical-inspector-e1-examination/) | International Code Council (ICC) | 8420 - Electricity |
| [IT Fundamentals+ (ITF+) Certification Examination](https://www.cteresource.org/resources/credentials/it-fundamentals--itf--certification-examination/) | CompTIA | 8425 – Electronics Technology  8490 – Computer Systems Technology |
| [Machining-Level 1 Examinations](https://www.cteresource.org/resources/credentials/group/machining-level-1-examinations/) (pass any one) | National Institute for Metalworking Skills (NIMS) | 8451 - Precision Machine Technology |
| [Manufacturing Specialist Certification Examination](https://www.cteresource.org/resources/credentials/manufacturing-specialist-certification-examination/) | Manufacturing Skills Institute (MSI) | 8451 - Precision Machine Technology  8542 – Industrial Maintenance Technology  8541 - Industrial Robotics |
| [Manufacturing Technician Level 1 (MT1) Certification Examination](https://www.cteresource.org/resources/credentials/manufacturing-technician-level-1-certification-examination/) | Manufacturing Skills Institute (MSI) | 8451 - Precision Machine Technology  8542 – Industrial Maintenance Technology  8541 - Industrial Robotics |
| [Masonry Level One Assessment](https://www.cteresource.org/resources/credentials/nccer-masonry-level-one-entry-level-assessment/) | National Center for Construction Education & Research (NCCER) | 8443 – Masonry |
| [Master Service Technician Examinations](https://www.cteresource.org/resources/credentials/master-service-technician-examinations/) (pass all five) | Briggs & Stratton Corporation | 8418 - Small Engine Repair |
| [Mechanical Apprentice Drafter Examination](https://www.cteresource.org/resources/credentials/mechanical-apprentice-drafter-examination/) | American Design Drafting Association (ADDA) | 8465 - Drafting |
| [Mechanical Certified Drafter Examination](https://www.cteresource.org/resources/credentials/mechanical-certified-drafter-examination/) | American Design Drafting Association (ADDA) | 8465 - Drafting |
| [Mechatronics Systems Certification Examinations](https://www.cteresource.org/resources/credentials/group/mechatronics-systems-certification-examinations/) (pass any one) | Siemens AG | 8425 Electronics Technology  8541 Industrial Robotics |
| [Mobile Communications and Electronics Installer (MCEI) Examination](https://www.cteresource.org/resources/credentials/mobile-communications-and-electronics-installer-mcei-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology |
| [Principles of Small Engine Technology Certification Examination](https://www.cteresource.org/resources/credentials/principles-of-small-engine-technology-certification-examination/) | Equipment & Engine Training Council (EETC) | 8418 - Small Engine Repair |
| [SENSE Training Program Certification Examination (Level 1, Entry-Level Welder)](https://www.cteresource.org/resources/credentials/sense-training-program-certification-examination-level-1-entry-level-welder/) | American Welding Society (AWS) | 8580 - Welding |
| [Shielded Metal Arc Welding (SMAW) Examination](https://www.cteresource.org/resources/credentials/shielded-metal-arc-welding-smaw-examination/) | American Welding Society (AWS) | 8580 - Welding |
| [Smart Automation Associate Certifications](https://www.cteresource.org/resources/credentials/group/smart-automation-associate-certifications/) (pass any one) | Smart Automation Certification Alliance (SACA) | 8425 – Electronics Technology  8541 – Industrial Robotics |
| [Smart Manufacturing and Advanced Robotics Training (SMART) Certification Examination](https://www.cteresource.org/resources/credentials/smart-manufacturing-and-advanced-robotics-training-smart-certification-examination/) | Carnegie Mellon Robotics Academy | 8425 – Electronics Technology  8541 – Industrial Robotics |
| [Telecommunications (TCM) Electronics Technician Examination](https://www.cteresource.org/resources/credentials/telecommunications-tcm-electronics-technician-examination/) | Electronics Technicians Association (ETA) International | 8425 - Electronics Technology 8490 - Computer Systems Technology |