The CHDS certification measures users' knowledge and skills in documenting, coding; reimbursement; data quality and analysis; information and communication technologies, and compliance and regulation.

The Autodesk Certified Professional - Inventor certification measures professional users' knowledge of the Inventor CAD product, which provides project teams with a comprehensive environment tools, analysis and document solutions to deliver final development, component (such as the American Heart Association or the American College of Sports Medicine certification that has a practical skills examination component). It is recommended that an individual complete an Autodesk Official Training Courseware (AOTC) or Autodesk Certified Professional (ACP) certification exam. Individuals may reference all study materials either printed or computer-based form during the certification exam.

The Marine Electrical Certification measures users' knowledge of marine electrical design, service or installation. Marine electricians may specifically work on electrical fundamentals, AC and DC systems and generation, maintenance and testing of battery systems, and safety equipment.

The CPC-P® certification demonstrates a coder's aptitude, proficiency and interpretive ability. The CHDS certification measures users' knowledge and skills needed to focus on designing buildings, work in any view, iterate throughout the design process, automatically generate detailed drawings, and communicate with client. The Autodesk Certified Professional - Inventor certification measures professional users' knowledge of the Inventor CAD product, which provides project teams with a comprehensive environment tools, analysis and document solutions to deliver final development, component (such as the American Heart Association or the American College of Sports Medicine certification that has a practical skills examination component). It is recommended that an individual complete an Autodesk Official Training Courseware (AOTC) or Autodesk Certified Professional (ACP) certification exam. Individuals may reference all study materials either printed or computer-based form during the certification exam.

The American Board for Certification in Orthotics, Prosthetics & Pedorthics (ABC) Certified Radio Frequency (RF) Technician certification measures users' knowledge and skills in providing technical support such as fabricates, assembles, repairs, and reverse engineers orthosis, prosthetics, and parts in the workplace.

The American Board of Certification in Orthotics, Prosthetics & Pedorthics (ABC) Certified Prosthetic-Orthotic Technician (CTPO) certification measures professional users' knowledge and skills in providing technical support such as fabricates, assembles, repairs, and reverse engineers orthosis, prosthetics, and parts in the workplace.

The CBET certification measures users' knowledge of electromechanical systems, including electronic control systems, monitoring, safety, and environmental compliance.

The Marine Electrical Certification measures users' knowledge of marine electrical design, service or installation. Marine electricians may specifically work on electrical fundamentals, AC and DC systems and generation, maintenance and testing of battery systems, and safety equipment.

The ACSM Certified Personal Trainer certification measures knowledge and skills in the fundamental principles of exercise science and in writing appropriate exercise recommendations.
The Certified Drafter - Architectural certification measures users’ knowledge and skills in architectural design, including building design, electrical systems, HVAC systems, communication; dimensions; site drawings and topography; floor plans; and electrical, interior design, building codes and standards, general building systems, and materials. Candidates must possess a written examination.

- **Examination Details:**
  - **Number of Exams Required:** 1
  - **Time:** Not specified
  - **Format:** Multiple choice questions
  - **Passing Score:** Not specified

Individuals must successfully pass the examination and meet the eligibility requirements. The eligibility requirements are detailed on the AHIMA website.
Certification Description

AMRRT008 Computed Tomography (CT) American Registry of Radiologic Technologists

- The Registered Technologist (Radiography) certification measures knowledge and skills in radiation protection, exposure operation and quality control; image acquisition and evaluation; imaging procedures; and patient care and education.

- The Registered Technologist (Sonography) certification measures knowledge and skills in ultrasounds, obstetrical, and gynecological exams, and superficial and interventional sonographic procedures.

- The Certified Paraoptometric Assistant (CPOA) certification measures users' knowledge and skills in taking patient histories, measuring visual acuity, measuring the curvature of the cornea/baquer, glaucoma screening, blood pressure testing, and assessing the distance between the pupils of the eye.

- The Registered Medical Assistant (RMA) certification measures knowledge of patient care and preparation, ECG, phlebotomy, and administrative tasks such as scheduling appointments, maintaining patient records, bookkeeping, and billing and insurance processing.

Written Exam Requirements

- Exam required; 210 multiple choice questions; 3 hours
- Exam required; 208 questions; 3.5 hours
- Exam required; 360 questions; 6.5 hours
- Exam required; 210 multiple choice questions; 3 hours
- Exam required; 208 questions; 3.5 hours
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<thead>
<tr>
<th>DOE Code</th>
<th>Certification/Credential Title</th>
<th>Issuing Organization/Provider</th>
<th>Certification Description</th>
<th>Written Exam Requirements</th>
<th>Other Requirements (e.g., Program Completion, etc.)</th>
<th>Work Experience</th>
<th>Additional Information</th>
<th>Agency Website</th>
<th>New to List of Postsecondary Industry Certification Funding List Detailed</th>
<th>Eligible Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMSFQ001</td>
<td>Manager of Quality/Organizational Excellence</td>
<td>American Society for Quality</td>
<td>The certification is designed to measure users' knowledge and skills in the areas of technical, managerial, and leadership competencies, as well as organizational behavior.</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>8 years of on-the-job experience in a managerial position. Certification requires successful completion of all four courses and either a bachelor's degree or completion of a master's degree in a related field.</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.asq.org">www.asq.org</a></td>
</tr>
<tr>
<td>AMSFQ002</td>
<td>Registered Diagnostic Medical Sonographer (RDMS)</td>
<td>American Society for Quality</td>
<td>The RDMS certification measures users' knowledge in fundamental knowledge, practice principles, and decision-making skills.</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.asq.org">www.asq.org</a></td>
<td>Yes</td>
</tr>
<tr>
<td>AMSFQ003</td>
<td>Registered Diagnostic Cardiac Sonographer (RDCS)</td>
<td>American Society for Quality</td>
<td>The RDCS certification measures users' knowledge and skills in using diagnostic cardiac sonography equipment to direct nonionizing, high frequency sound waves into selected body areas to visualize cardiac anatomy and hemodynamics.</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.asq.org">www.asq.org</a></td>
<td>Yes</td>
</tr>
<tr>
<td>APICS001</td>
<td>Certified in Logistics, Transportation, and Distribution (C-LTD)</td>
<td>American Logistics Education and Research Council (ALERC)</td>
<td>The C-LTD certification measures users' knowledge and skills in the understanding and application of logistics concepts, principles, and systems and tools.</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree or equivalent, and completion of a master’s degree in logistics, supply chain management, or a closely related field.</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.apics.org">www.apics.org</a></td>
</tr>
<tr>
<td>APICS002</td>
<td>Certified Supply Chain Management Professional (CSCP)</td>
<td>American Logistics Education and Research Council</td>
<td>The CSCP certification measures users' knowledge and skills in the understanding and application of supply chain concepts, principles, and systems and tools.</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.apics.org">www.apics.org</a></td>
</tr>
<tr>
<td>ASPM001</td>
<td>Professional Designation in Supply Chain Management (PLS)</td>
<td>Association of Supply Chain Management (ASCM)</td>
<td>The Professional Designation in Supply Chain Management (PLS) certification measures users' knowledge and skills on the understanding for improving customer service and increasing the efficiency of their logistics and supply chain operations.</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires three years of work experience</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.ascm.org">www.ascm.org</a></td>
</tr>
<tr>
<td>ARDMS001</td>
<td>Registered Diagnostic Sonographer (RDS)</td>
<td>American Registry for Diagnostic Medical Sonography</td>
<td>The RDS certification measures users' knowledge and skills in sonography principles and instrumentation (SPI) and vascular technology (VT).</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree or equivalent, and completion of NAACLS.</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.ardms.org">www.ardms.org</a></td>
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<tr>
<td>ARDMS002</td>
<td>Registered Vascular Technologist</td>
<td>American Registry for Diagnostic Medical Sonography</td>
<td>The VTI certification measures users' knowledge and skills in vascular technology principles and instrumentation (SPI) and vascular technology (VT).</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
<td>None</td>
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<td>ARDMS003</td>
<td>Certified Vascular Technologist</td>
<td>American Registry for Diagnostic Medical Sonography</td>
<td>The CVT certification measures users' knowledge and skills in vascular technology principles and instrumentation (SPI) and vascular technology (VT).</td>
<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
<td>None</td>
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<td>American Logistics Education and Research Council</td>
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<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
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<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
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<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
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<td>None</td>
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<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
<td>None</td>
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<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
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<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
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<td>Exam (1 part): 10 multiple choice questions; 2 constructed response (essay) questions; 8 hours</td>
<td>None</td>
<td>None</td>
<td>Requires a bachelor’s degree, and completion of NAACLS.</td>
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AWS Certified Welder – Gas Tungsten Arc Welding (GTAW) Pipe – Carbon Steel is considered a Class A pipe welder certification. This is a hands on guild-welding test and includes a welder’s 1 exam required

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Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing and Switching) Cisco Systems, Inc.

Cisco Certified Design Expert (CCDE) Cisco Systems, Inc.

Cisco Certified Architect Cisco Systems, Inc.

CDREG001 Dietetic Technician, Registered (DTR) Commission on Dietetic Registration

BNENT001 Certified Hemodialysis Technologist/Technician Board of Nephrology Examiners Inc.

AWS – D1.1 Structural codes and procedures governs the 3/8” horizontal, 3G vertical, and 4G overhead on open V-groove 3/8” plate using a welder’s skills to deposit sound weld metal in multiple positions 2G fill and cap. AWS – D1.1 Structural codes and procedures governs the 3/8” horizontal, 3G vertical, and 4G overhead on open V-groove 3/8” plate using an E6010 for the open root portion and an E7018 for the remainder passes.
CPSTL001 Check Point Certified Security Administrator (CCSA) Check Point Software Technologies Ltd.

- The Check Point Certified Security Administrator (CCSA) certification measures users' knowledge and skills in understanding the Check Point architecture, learning and installing Check Point configuring Check Point sessions, configuring Check Point Policies, Publishing Applications and Content, and Additional Management. Managing Performance and Used Configuring Printing, enabling and enforcing WSA Access to Published Applications and Content, and Troubleshooting.

- Exam required, 64 questions, 90 minutes, score of 640 or higher.

CITRX004 Citrix Certified Administrator (CCA)- XenApp

- The Citrix Certified Administrator (CCA)- XenApp certification measures users' knowledge and skills in XenApp Policies; Publishing Applications and Content; and Additional Management. Managing Performance and Used Configuring Printing, enabling and enforcing WSA Access to Published Applications and Content, and Troubleshooting.

- Exam required, 64 questions, 90 minutes, minimum passing score of 700 on a scale of 100-900.

- A minimum of 4 years of hands-on experience in infrastructure security or related experience is recommended.

- Recommended experience: Between six months to a year of IT experience in a business or IT environment with some exposure to cloud technologies.

- Intended to follow CompTIA Security+ or equivalent security certification.

- Recommended to be taken in conjunction with CySA+, which focuses on defense through incident detection and response.

- Recommended experience: Between six months to a year of IT experience in a business or IT environment with some exposure to cloud technologies.

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- Intended to follow CompTIA Security+ or equivalent security certification.

- Recommended to be taken in conjunction with CySA+, which focuses on defense through incident detection and response.

- Recommended experience: Between six months to a year of IT experience in a business or IT environment with some exposure to cloud technologies.

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<tr>
<th>OOE Code</th>
<th>Certification/Credential Title</th>
<th>Issuing Organization/Provider</th>
<th>Certification Description</th>
<th>Written Exam Requirements</th>
<th>Other Requirements (Age, Program Completion, etc.)</th>
<th>Work Experience</th>
<th>Additional Information</th>
<th>Agency Website</th>
<th>New to List of Occupational Funding Eligible Status</th>
</tr>
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<tbody>
<tr>
<td>HO102001</td>
<td>Information Storage and Management (EMCISA) Associate</td>
<td>ETI</td>
<td>The Information Storage and Management (EMCISA) Associate certification measures users' knowledge and skills in digital forensic investigations, network configuration, forensic and physical evidence analysis, and incident response.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>HO102002</td>
<td>Certified Environmental Electronics Installer (CCEEI)</td>
<td>ETI</td>
<td>The Certified Environmental Electronics Installer certification measures users' knowledge and skills in electrical duties of the entertainment industry.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI019</td>
<td>Small Wind Installer (SWI) - Level 1</td>
<td>ETCAI</td>
<td>The Small Wind Installer (SWI) – Level 1 certification measures users' knowledge and skills in wind power energy generation under 100 kW.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI022</td>
<td>Specialist in Precision Optics (SPO)</td>
<td>ETCAI</td>
<td>The Specialist in Precision Optics (SPO) certification measures users' knowledge and skills in precision optical components and systems.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI012</td>
<td>Photonics Technician - Operator (PTO)</td>
<td>ETCAI</td>
<td>The Photonics Technician - Operator (PTO) certification measures users' knowledge and skills in assembling, measuring, testing, and repairing optical devices such as lasers, diodes (LEDs), optical components, and other photonics devices.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI021</td>
<td>Fiber Optics Technician - Optics Plant (FTO-OP)</td>
<td>ETCAI</td>
<td>The Fiber Optics Technician - Optics Plant (FTO-OP) certification measures users' knowledge and skills in fiber optics installation, termination, certification, testing, and troubleshooting.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI002</td>
<td>Fiber Optic Installer (FOI)</td>
<td>ETCAI</td>
<td>The Fiber Optic Installer (FOI) certification measures users' knowledge and skills in assembling, measuring, testing, and repairing optical fiber cables and cable management products.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI005</td>
<td>Photonics Technician - Operator (PTO)</td>
<td>ETCAI</td>
<td>The Photonics Technician - Operator (PTO) certification measures users' knowledge and skills in assembling, measuring, and troubleshooting optical systems.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI003</td>
<td>Photonics Technician Special (PTS)</td>
<td>ETCAI</td>
<td>The Photonics Technician Special (PTS) certification measures users' knowledge and skills in systems or components.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI004</td>
<td>Photovoltaic Installer (PVI) - Level 1</td>
<td>ETCAI</td>
<td>The Photovoltaic Installer (PVI) - Level 1 certification measures users' knowledge and skills in photovoltaic installation, including basic and advanced electrical systems and procedures.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI009</td>
<td>Solid Wind Installer (SWI) - Level 1</td>
<td>ETCAI</td>
<td>The Solid Wind Installer (SWI) - Level 1 certification measures users' knowledge and skills in wind power energy generation under 100 kW.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<td>ETI002</td>
<td>Specialist in Precision Optics (SPO)</td>
<td>ETCAI</td>
<td>The Specialist in Precision Optics (SPO) certification measures users' knowledge and skills in precision optical components and systems.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<tr>
<td>ETI001</td>
<td>Technician in Precision Optics (PO)</td>
<td>ETCAI</td>
<td>The Technician in Precision Optics (PO) certification measures users' knowledge and skills in precision optical components and systems.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://education.emc.com/default_guest.aspx">https://education.emc.com/default_guest.aspx</a></td>
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<td>DOE Code</td>
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<tr>
<td>8860MB05</td>
<td>Massage and Bodywork Licensing Examination</td>
<td>Florida Department of Health</td>
<td>Certification assists patients in achieving emotional, physical, and psychological well-being through the use of massage therapy techniques.</td>
<td>1 exam required; 100 multiple-choice questions, 3 hours</td>
<td>Applicants must understand the skills of massage and have graduated from an approved massage therapy education program.</td>
<td>None</td>
<td>This exam is only currently available by appointment through the Florida Department of Health Board of Massage Therapy.</td>
<td><a href="http://www.fdoh.org">www.fdoh.org</a></td>
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</tr>
<tr>
<td>8860MB03</td>
<td>Certified Nursing Assistant (CNA)</td>
<td>Florida Department of Health</td>
<td>The Certified Nursing Assistant (CNA) certification is a state-imposing license and documents the individual's knowledge of core skills required for working as a nursing assistant.</td>
<td>1 exam required, 4 parts: written and performance (300 items), 4 hours, written, 100-question multiple-choice exam, 100-question written assistant skills.</td>
<td>None</td>
<td>None</td>
<td>A state-approved training program is not required at this time for examination; however, training is strongly recommended.</td>
<td><a href="http://www.FDOH.org">www.FDOH.org</a></td>
<td></td>
</tr>
<tr>
<td>8860MB02</td>
<td>Licensed Dental Hygienist</td>
<td>Florida Department of Health</td>
<td>The licensed Dental Hygienist license allows the individual to perform for the public as a dental hygienist pursuant to requirements established in the Board of Dentistry.</td>
<td>1 exam required (Written - NBDHEE, 500 multiple-choice questions; 100 single-stained assistant skills).</td>
<td>None</td>
<td>Must be a licensed dental hygienist or graduate from an approved dental hygiene program.</td>
<td><a href="http://www.FDOH.org">www.FDOH.org</a></td>
<td></td>
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<tr>
<td>8860MB01</td>
<td>Paramedic (EMT-P)</td>
<td>Florida Department of Health</td>
<td>The Paramedic (EMT-P) certification is a state-imposing license to control the job or injured in emergency medical settings including responding to emergency calls, performing medical screens and transporting patients to area facilities.</td>
<td>3 exams required (Oral, Practical, Written)</td>
<td>The Paramedic (EMT-P) license measures users' knowledge to care for the sick or injured in emergency medical settings including responding to emergency calls, performing medical screens and transporting patients to area facilities.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.FDOH.org">www.FDOH.org</a></td>
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<tr>
<td>8860MB00</td>
<td>911 Public Safety Telecommunicator</td>
<td>Florida Department of Health</td>
<td>The 911 Public Safety Telecommunicator certification requires the candidate to demonstrate the knowledge and skills for employment as a dispatcher for police, fire, and ambulance.</td>
<td>1 exam required</td>
<td>An individual must complete an approved PTT training program as defined in 562.47(12)(a), Florida Statutes.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.FDOH.org">www.FDOH.org</a></td>
</tr>
<tr>
<td>8860MB02</td>
<td>FAA Aviation Maintenance Technician - General</td>
<td>Federal Aviation Administration</td>
<td>The FAA Aviation Maintenance Technician - General certification measures knowledge and skills in maintenance supervision, preventive maintenance procedures, operation of avionics and all but minor repairs to and alterations of propellers and/or instruments.</td>
<td>1 exam required; passing score of 75% or higher.</td>
<td>The FAA Aviation Maintenance Technician - General certification measures knowledge and skills in maintenance supervision, preventive maintenance procedures, operation of avionics and all but minor repairs to and alterations of propellers and/or instruments.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.faa.gov/licenses_certificates/">www.faa.gov/licenses_certificates/</a></td>
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<tr>
<td>8860MB01</td>
<td>FAA Aviation Mechanic Technician - Airframe</td>
<td>Federal Aviation Administration</td>
<td>The FAA Aviation Mechanic Technician - Airframe certification measures knowledge and skills in aircraft repair and maintenance in one of three ways: An individual must have obtained the necessary experience working on one of the following: ( 5,000 ) hours working on both at an FAA Repair Station or FBO under the supervision of a certified repair or maintenance technician; or have obtained a minimum of ( 3,000 ) hours working on both at an FAA Repair Station or FBO under the supervision of a certified repair or maintenance technician; or have obtained a minimum of ( 3,000 ) hours working on both at an FAA Repair Station or FBO under the supervision of a certified repair or maintenance technician.</td>
<td>None</td>
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<tr>
<td>8860MB00</td>
<td>FAA Aviation Mechanic Technician - Powerplant</td>
<td>Federal Aviation Administration</td>
<td>The FAA Aviation Mechanic Technician - Powerplant certification measures knowledge and skills in aircraft repair and maintenance in one of three ways: An individual must have obtained the necessary experience working on one of the following: ( 5,000 ) hours working on both at an FAA Repair Station or FBO under the supervision of a certified repair or maintenance technician; or have obtained a minimum of ( 3,000 ) hours working on both at an FAA Repair Station or FBO under the supervision of a certified repair or maintenance technician; or have obtained a minimum of ( 3,000 ) hours working on both at an FAA Repair Station or FBO under the supervision of a certified repair or maintenance technician.</td>
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<tr>
<td>8860MB01</td>
<td>Correctional Officer</td>
<td>Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission</td>
<td>The Correctional Officer certification measures knowledge and skills to perform professional work involving custody, security, counseling, and classification duties.</td>
<td>1 exam required; multiple-choice questions</td>
<td>None</td>
<td>Passed the required background screening, Pass the State Officer Certification Exam (SOCX); and become employed as a correctional officer.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>8860MB00</td>
<td>Correctional Probation Officer</td>
<td>Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission</td>
<td>None</td>
<td></td>
<td>None</td>
<td>Passed the required background screening, Pass the State Officer Certification Exam (SOCX); and become employed as a correctional officer.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>8860MB01</td>
<td>Licensed Physical Therapist Assistant</td>
<td>Florida Department of Health</td>
<td>The Licensed Physical Therapist Assistant license measures users' knowledge of core skills required for working as a physical therapist assistant.</td>
<td>1 exam required</td>
<td>The Licensed Physical Therapist Assistant license measures users' knowledge of core skills required for working as a physical therapist assistant.</td>
<td>None</td>
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<td>Florida Department of Health</td>
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<td>1 exam required (Written - NBDHEE, 500 multiple-choice questions; 100 single-stained assistant skills).</td>
<td>Need to be a registered dental hygienist or graduated from an approved dental hygiene program.</td>
<td>None</td>
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<td>None</td>
<td><a href="http://www.FDOH.org">www.FDOH.org</a></td>
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### Certification Details

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<tr>
<td>ICOEC007</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
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<td>None</td>
<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<tr>
<td>ICOEC005</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
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<td>None</td>
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<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<tr>
<td>ICOEC006</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
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<td>None</td>
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<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
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<td>None</td>
<td>None</td>
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<tr>
<td>ICOEC008</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<td>ICOEC009</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
<td>None</td>
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<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<td>ICOEC010</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
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<td>ICOEC011</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
<td>None</td>
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<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<td>ICOEC012</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
<td>None</td>
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<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<td>ICOEC013</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
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<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<td>ICOEC014</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
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<td>ICOEC015</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
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<td>ICOEC016</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
<td>None</td>
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<td><a href="http://www.isc2.org">www.isc2.org</a></td>
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<td>ICOEC017</td>
<td>EC-Council Certified Incident Handler (EIH)</td>
<td>The EC-Council Certified Incident Handler (EIH) certification measures users' knowledge and skills in incident response and handling, process auditing, forensic analysis, and post-incident reporting to assist law enforcement with the investigation and analysis of security incidents.</td>
<td>Exam required: 100 questions, 3 hours, multiple choice; exam code 212-38 (ECC Council).</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.isc2.org">www.isc2.org</a></td>
</tr>
</tbody>
</table>
MANSI001 Manufacturing Technician 1 (MT1) Manufacturing Skills Institute (MSI) The Manufacturing Technician 1 (MT1) certification measures users' knowledge and skills in manufacturing, computer numerical control (CNC) machining, manufacturing process variables in the field of automation, and troubleshooting, and repair/replacement of instrumentation for systems. One year of full-time work experience is required. Individuals with a four-year college degree leading to a Bachelor’s must have six years of full-time digital forensic or IT security experience in three of the six domains of the credential. Individuals who do not hold a four-year college degree leading to a Bachelor’s must have six years of full-time digital forensic or IT security experience in three of the six domains of the credential. One year of the work experience may be waived for individuals with a four-year degree, who have earned an alternate forensic certification on the (ISC)² approved list. Individuals may sit for the exam after completing the work experience requirement and have passed the Associate of (ISC)² for CFP until they have documented the work experience. None

JCAHO001 Certified Ophthalmic Medical Technologist (COMT) Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) The Certified Ophthalmic Medical Technologist (COMT) certification measures users' knowledge and skills to assist ophthalmologists by performing ophthalmic clinical functions and ophthalmic photography, provide instruction and supervision to other medical staff in the proper care and use of corrective lenses. Written exam required. 1 exam required, 1 exam required, written exam: 160 multiple choice questions, 3 hours; Performance test: 6-12 skill areas. None

JCAHO002 Certified Ophthalmic Technician (COT) Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) The Certified Ophthalmic Technician certification measures users' knowledge, skills, and abilities in administration of eye exams, administration of eye medications, and instructing the patient in care and use of corrective lenses. Written exam required. 1 exam required: 3 Modules; minimum score of 70/8 higher required. None

IISSC004 Certified Information Systems Security Professional (CISSP) International Information Systems Security Certification Consortium, Inc. The Certified Information Systems Security Professional (CISSP) certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam (CISSP) required. 1 exam required: 250 questions; 6 hours; Performance test: 1 (2-part) exam required; 1 exam required; CISSP until they have documented the work experience. None

IISSC005 Certified Cyber Forensics Professional (CCFP) International Information Systems Security Certification Consortium, Inc. The Certified Cyber Forensics Professional certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam required. 1 exam required. None

DOE Code Certification Credential Title Issuing Organization/Provider Certification Description Written Exam Requirements Other Requirements (Age, Program Completion, etc.) Work Experience Additional Information Agency Website New to List of Full Time Work Experience Eligible Status

000300 Certified Cyber Forensics Professional (CCFP) International Information Systems Security Certification Consortium, Inc. The Certified Cyber Forensics Professional (CCFP) certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam required. 1 exam (CISSP) required; 250 questions; 6 hours; minimum score of 700 higher required None

000305 Certified Automation Professional (CAP) International Society of Automation The Certified Automation Professional (CAP) certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam required. None

000306 Certified Control Systems Technician (CST) - Level I International Society of Automation The Certified Control Systems Technician (CST) certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam required. None

000401 Certified Optician/Technical (COREMT) Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) The Certified Optician/Technical certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam required. None

000402 Certified Optician/Technical (COTF) Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) The Certified Optician/Technical certification measures users' knowledge and skills to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks. Written exam required. None

000500 Manufacturing Technician I (MTI) Manufacturing Skills Institute (MSI) The Manufacturing Technician I (MTI) certification measures users' knowledge and skills in CAD skills, computer numerical control (CNC) machining, manufacturing process variables in the field of automation, and troubleshooting, and repair/replacement of instrumentation for systems. One year of full-time work experience is required. Individuals with a four-year college degree leading to a Bachelor’s must have six years of full-time digital forensic or IT security experience in three of the six domains of the credential. Individuals who do not hold a four-year college degree leading to a Bachelor’s must have six years of full-time digital forensic or IT security experience in three of the six domains of the credential. One year of the work experience may be waived for individuals with a four-year degree, who have earned an alternate forensic certification on the (ISC)² approved list. Individuals may sit for the exam after completing the work experience requirement and have passed the Associate of (ISC)² for CFP until they have documented the work experience. None
### 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed

<table>
<thead>
<tr>
<th>DOE Code</th>
<th>Certification/Credential Title</th>
<th>Issuing Organization/Provider</th>
<th>Certification Description</th>
<th>Written Exam Requirements</th>
<th>Other Requirements (App. Program Completion, Etc.)</th>
<th>Work Experience</th>
<th>Additional Information</th>
<th>Agency Website</th>
<th>New to List of New Funding Eligible Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICRO0302</td>
<td>Microsoft Certified Trainer (MCT)</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Trainer (MCT) certifies readiness of individuals to be authorized to deliver training that is based on official Microsoft learning resources.</td>
<td>Exam required</td>
<td>Before an individual can apply to become a Microsoft Certified Trainer (MCT), they must acquire either the Microsoft Certified: Microsoft Office Specialist certification or a Microsoft Certified: Dynamics Learning Products for the MCT program.</td>
<td>None</td>
<td>None</td>
<td><a href="https://www.microsoft.com/en-us/learning">link</a></td>
<td>No</td>
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<tr>
<td>MICRO0305</td>
<td>Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012 R2</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
<td><a href="https://www.microsoft.com/en-us/learning">link</a></td>
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<tr>
<td>MICRO0306</td>
<td>Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
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<td>MICRO0307</td>
<td>Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
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<tr>
<td>MICRO0308</td>
<td>Microsoft Certified Solutions Associate (MCSA) - SQL Server 2016</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
<td><a href="https://www.microsoft.com/en-us/learning">link</a></td>
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<tr>
<td>MICRO0309</td>
<td>Microsoft Certified Solutions Associate (MCSA) - SQL Server 2017</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
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<tr>
<td>MICRO0310</td>
<td>Microsoft Certified Solutions Associate (MCSA) - SQL Server 2019</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
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<td>MICRO0311</td>
<td>Microsoft Certified Solutions Associate (MCSA) - Windows Server 2019</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
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<td>MICRO0312</td>
<td>Microsoft Certified Solutions Associate (MCSA) - Windows Server 2022</td>
<td>Microsoft Corporation</td>
<td>The Microsoft Certified Solutions Associate certification validates a basic level of knowledge and skills in a specific technology or technology suite.</td>
<td>Exam required</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
<td><a href="https://www.microsoft.com/en-us/learning">link</a></td>
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</table>

**Exam Descriptions**

- **Exam 70-742:** Windows Server System Administration Fundamentals
- **Exam 70-743:** Windows Server Identity and Access Management
- **Exam 70-746:** Windows Server Infrastructure Services and Applications
- **Exam 70-747:** Windows Server Management and Security
- **Exam 70-748:** Windows Server Identity and Access Management
- **Exam 70-749:** Windows Server Infrastructure Services and Applications
- **Exam 70-741:** Windows Server System Administration Fundamentals
- **Exam 70-742:** Windows Server Identity and Access Management
- **Exam 70-743:** Windows Server Infrastructure Services and Applications
- **Exam 70-746:** Windows Server Management and Security
- **Exam 70-747:** Windows Server Identity and Access Management
- **Exam 70-748:** Windows Server Infrastructure Services and Applications
- **Exam 70-749:** Windows Server Management and Security

**Related Certifications**

- **Microsoft Certified: Windows Server 2012 R2 System Administrator (70-410)**
- **Microsoft Certified: Windows Server 2012 System Administrator (70-411)**
- **Microsoft Certified: Windows Server 2016 System Administrator (70-417)**
- **Microsoft Certified: Windows Server 2019 System Administrator (70-420)**
- **Microsoft Certified: Windows Server 2022 System Administrator (70-425)**
- **Microsoft Certified: Windows Server 2019 Platform Administrator (70-421)**
- **Microsoft Certified: Windows Server 2022 Platform Administrator (70-426)**

**Requirements**

- **MCSA:** Must first earn MCTS certification in Windows Server 2003/2008/2012/2016, or Windows Server 2016. Must have a current MCT certification. Must either pass the MCT 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed certification exam or pass the relevant Microsoft Certified Trainer (MCT) exam.
- **MCC:** Must first earn MCTS certification in Windows Server 2003/2008/2012/2016, or Windows Server 2016. Must have a current MCT certification. Must either pass the MCT 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed certification exam or pass the relevant Microsoft Certified Trainer (MCT) exam.
- **MCSE:** Must first earn MCTS certification in Windows Server 2003/2008/2012/2016, or Windows Server 2016. Must have a current MCT certification. Must either pass the MCT 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed certification exam or pass the relevant Microsoft Certified Trainer (MCT) exam.
- **MCSD:** Must first earn MCTS certification in Windows Server 2003/2008/2012/2016, or Windows Server 2016. Must have a current MCT certification. Must either pass the MCT 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed certification exam or pass the relevant Microsoft Certified Trainer (MCT) exam.
- **MCT:** Must first earn MCTS certification in Windows Server 2003/2008/2012/2016, or Windows Server 2016. Must have a current MCT certification. Must either pass the MCT 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed certification exam or pass the relevant Microsoft Certified Trainer (MCT) exam.

**Additional Information**

- **Work Experience:** Minimum of six months of experience in the relevant field.
- **Additional Information:** Visit the website for more specific details on exam requirements and work experience requirements.

**Agency Website**

- [link](https://www.microsoft.com/en-us/learning)
<table>
<thead>
<tr>
<th>OOE Code</th>
<th>Certification/Credential Title</th>
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<tbody>
<tr>
<td>85625B01</td>
<td>Certified Production Technician (CPT)</td>
<td>MSSC</td>
<td>Manufacturing Skills Standards Council (MSSC)</td>
<td>Certification is designed to assess knowledge and skills required of production technicians, including the ability to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems such as computer maintenance, production, and inventory systems.</td>
<td>Exams required: 1 exam required; 100 questions</td>
<td>None</td>
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<td><a href="http://www.msscusa.org">www.msscusa.org</a></td>
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<tr>
<td>85626B01</td>
<td>Certified Logistic Technician (CST)</td>
<td>MSSC</td>
<td>Manufacturing Skills Standards Council (MSSC)</td>
<td>Certification is designed to assess knowledge and skills related to the management and control of materials and information flows within an organization; inventory control; forecasting; purchasing; warehousing; and logistics management systems.</td>
<td>Exams required: 2 exams required; 200 questions</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.msscusa.org">www.msscusa.org</a></td>
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<tr>
<td>85629B01</td>
<td>Certified Personal Trainer (CPT)</td>
<td>National Academy of Sports Medicine</td>
<td>Certification is designed to assess knowledge and skills required of personal trainers, including the ability to work with clients to achieve specific fitness goals; understanding of exercise physiology; and knowledge of nutrition and wellness.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.natex.org/site/353/Technicians/Certi">www.natex.org/site/353/Technicians/Certi</a></td>
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<tr>
<td>86238S01</td>
<td>Certified Technician</td>
<td>MSSC</td>
<td>Manufacturing Skills Standards Council (MSSC)</td>
<td>Certification is designed to assess knowledge and skills required of technicians in a variety of industries, including the ability to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems such as computer maintenance, production, and inventory systems.</td>
<td>Exams required: 2 exams required; 200 questions</td>
<td>None</td>
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<td><a href="http://www.msscusa.org">www.msscusa.org</a></td>
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<tr>
<td>86240S01</td>
<td>Certified Service Technician</td>
<td>MSSC</td>
<td>Manufacturing Skills Standards Council (MSSC)</td>
<td>Certification is designed to assess knowledge and skills required of technicians in a variety of industries, including the ability to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems such as computer maintenance, production, and inventory systems.</td>
<td>Exams required: 2 exams required; 200 questions</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.msscusa.org">www.msscusa.org</a></td>
</tr>
<tr>
<td>86242S01</td>
<td>Certified Heat Pump Installation Technician</td>
<td>MSSC</td>
<td>Manufacturing Skills Standards Council (MSSC)</td>
<td>Certification is designed to assess knowledge and skills required of technicians in a variety of industries, including the ability to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems such as computer maintenance, production, and inventory systems.</td>
<td>Exams required: 2 exams required; 200 questions</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.msscusa.org">www.msscusa.org</a></td>
</tr>
<tr>
<td>87441S01</td>
<td>Certified Production Technician</td>
<td>MSSC</td>
<td>Manufacturing Skills Standards Council (MSSC)</td>
<td>Certification is designed to assess knowledge and skills required of technicians in a variety of industries, including the ability to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems such as computer maintenance, production, and inventory systems.</td>
<td>Exams required: 2 exams required; 200 questions</td>
<td>None</td>
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</table>

**Certifications and Requirements:**

1. **CPCT (Certified Patient Care Technician):**
   - Knowledge and skills to provide direct patient care in a variety of healthcare environments.
   - Exam required: 1 exam required; 100 questions.

2. **CEHRS (Certified Electronic Health Record Specialist):**
   - Exam required: 1 exam required; 100 questions.

3. **CPhT (Certified Pharmacy Technician):**
   - Knowledge and skills to perform work delegated by licensed pharmacists in accordance with legal and regulatory requirements, perform basic coding to support claims for reimbursement for prescription drugs and over-the-counter products, and manage patient profiles and record information.
   - Exam required: 1 exam required; 100 questions.

4. **CBCS (Certified Coding Specialist):**
   - Knowledge and skills to code for diagnoses and procedures, submit claims for reimbursement.
   - Exam required: 1 exam required; 100 questions.

5. **CET (Certified EKG Technician):**
   - Knowledge and skills to perform invasive cardiology, echocardiography, and vascular technology.
   - Exam required: 1 exam required; 100 questions.

6. **CPT (Certified Personal Trainer):**
   - Knowledge and skills to work with clients to achieve specific fitness goals; understanding of exercise physiology; and knowledge of nutrition and wellness.
   - Exam required: 1 exam required; 100 questions.

7. **CPT (Certified Production Technician):**
   - Knowledge and skills to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems.
   - Exam required: 2 exams required; 200 questions.

8. **CPT (Certified Service Technician):**
   - Knowledge and skills to work effectively with others and the use of equipment; basic troubleshooting and problem-solving; process improvement techniques; maintenance techniques; manufacturing quality systems; and manufacturing documentation systems.
   - Exam required: 2 exams required; 200 questions.

9. **CPT (Certified Heat Pump Installation Technician):**
   - Knowledge and skills to prepare installation sites (including removal of existing HVAC equipment), fabricate systems, and assemble systems.
   - Exam required: 1 exam required; 60 questions.

**Additional Information:**

- All certifications require passing a written exam, and some require additional requirements such as experience or training.
- The National Healthcareer Association (NHA) offers certifications in various fields, including healthcare and fitness.
- Individuals must meet specific requirements to be eligible for certification, such as education, experience, or age.
- Some certifications are specific to certain industries or roles, such as production technician, service technician, or technician in a specific field like HVAC.
- Each certification has its own exam format, such as multiple choice or essay questions.
- Exams are typically conducted online and are proctored or self-proctored, depending on the certification program.
- Individuals must maintain their certification by completing continuing education requirements, re-examining, or accumulating professional experience.
- To be certified, individuals must score a minimum passing score on each exam, which may range from 70% to 90%.

**Funding List:**

- The 2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed provides a comprehensive overview of funding opportunities, eligibility requirements, and contact information for each certification.
- Individuals interested in certification programs can access the detailed list and apply for funding opportunities to support their professional development.
- The list is regularly updated to reflect changes in industry standards, funding priorities, and new certifications.
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<th>Additional Information</th>
<th>Agency Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>99C01801</td>
<td>Orthopaedic Technologist Certified (OTC)</td>
<td>National Board for Certification of Orthopaedic Technologists</td>
<td>The Orthopaedic Technologist certification measures knowledge and skills in assisting orthopaedic surgeons by applying and removing casts, setting up traction devices and adjusting medical equipment, like crutches or walkers.</td>
<td>Exam required</td>
<td>18 hours</td>
<td>None</td>
<td><a href="http://www.nbcot.net">www.nbcot.net</a></td>
<td></td>
</tr>
<tr>
<td>99F01801</td>
<td>Certified Occupational Therapy Assistant</td>
<td>National Board for Certification in Occupational Therapy</td>
<td>The Certified Occupational Therapy Assistant certification measures users' knowledge and skills in assisting patients to develop, recover, and improve the skills needed for daily living and working.</td>
<td>Exam required</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.nbcot.net">www.nbcot.net</a></td>
<td></td>
</tr>
<tr>
<td>99F01802</td>
<td>Certified Respiratory Therapist (CRT)</td>
<td>National Board for Respiratory Care</td>
<td>The Certified Respiratory Therapist (CRT) certification measures user's knowledge and skills in assisting patients to develop, recover, and improve the skills needed for daily living and working.</td>
<td>Exam required</td>
<td>No Multiple choice questions</td>
<td>None</td>
<td><a href="http://www.nbfrt.org">www.nbfrt.org</a></td>
<td></td>
</tr>
<tr>
<td>99R01801</td>
<td>Registered Respiratory Therapist (RRT)</td>
<td>National Board for Respiratory Care</td>
<td>The Registered Respiratory Therapist (RRT) certification measures knowledge and skills in caring for patients who have trouble breathing from various respiratory diseases, such as asthma or emphysema. RRTs also provide emergency care to patients suffering from heart attack, drowning or shock.</td>
<td>Exam required</td>
<td>Therapist Multiple-Choice Examination</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.nbfrt.org">www.nbfrt.org</a></td>
</tr>
<tr>
<td>99S01801</td>
<td>Surgical Technologist</td>
<td>National Board of Surgical Technology and Surgical Assisting</td>
<td>The Surgical Technologist (ST) credential measures knowledge and skills in assisting surgeons by applying and removing casts, setting up traction devices and adjusting medical equipment, like crutches or walkers.</td>
<td>Exam required</td>
<td>Candidate must correctly answer 250 questions in 4 hours</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.absa.org">www.absa.org</a></td>
</tr>
<tr>
<td>99S70801</td>
<td>Aircraft Electronics Technician (AET)</td>
<td>National Center for Aeronautics and Space Technology (NCAT)</td>
<td>The Aircraft Electronics Technician (AET) certification program prepares individuals for aircraft electronics specialists and avionics technicians who work closely with the maintenance technicians to keep all aircraft operations optimized. This work can take place in an aircraft or in a repair shop. The duties include routine electronic maintenance and troubleshooting, installing and diagnosing the causes of equipment malfunction, replacement of faulty components, testing circuits as well as aligning and adjusting required equipment.</td>
<td>Exam required; passing score of 70% or greater</td>
<td>None</td>
<td>None</td>
<td><a href="http://www.absa.org">www.absa.org</a></td>
<td></td>
</tr>
<tr>
<td>10C32021</td>
<td>NCCER Electrical - Level 4 (Postsecondary)</td>
<td>National Center for Construction Education &amp; Research (NCCER)</td>
<td>The electrician - level 4 credential measures knowledge and skills in the installation, maintenance, and repair of electric systems on aircraft, aircraft electronics specialists and avionics technicians who work closely with the maintenance technicians to keep all aircraft operations optimized. This work can take place in an aircraft or in a repair shop.</td>
<td>Exam required; passing score of 70% or greater</td>
<td>1 exam required</td>
<td>None</td>
<td><a href="http://www.nccer.org">www.nccer.org</a></td>
<td></td>
</tr>
<tr>
<td>10C32022</td>
<td>NCCER HVAC - Level 4 (Postsecondary)</td>
<td>National Center for Construction Education &amp; Research (NCCER)</td>
<td>The HVAC - level 4 credential measures knowledge and skills in the installation, maintenance, and repair of electric systems on aircraft, aircraft electronics specialists and avionics technicians who work closely with the maintenance technicians to keep all aircraft operations optimized. This work can take place in an aircraft or in a repair shop.</td>
<td>Exam required; passing score of 70% or greater</td>
<td>1 exam required</td>
<td>None</td>
<td><a href="http://www.nccer.org">www.nccer.org</a></td>
<td></td>
</tr>
<tr>
<td>10C32020</td>
<td>NCCER Plumbing - Level 4 (Postsecondary)</td>
<td>National Center for Construction Education &amp; Research (NCCER)</td>
<td>The Plumber - level 4 credential measures knowledge and skills in the installation, maintenance, and repair of electric systems on aircraft, aircraft electronics specialists and avionics technicians who work closely with the maintenance technicians to keep all aircraft operations optimized. This work can take place in an aircraft or in a repair shop.</td>
<td>Exam required; passing score of 70% or greater</td>
<td>1 exam required</td>
<td>None</td>
<td><a href="http://www.nccer.org">www.nccer.org</a></td>
<td></td>
</tr>
<tr>
<td>10C32026</td>
<td>NCCER Welding - Level 4 (Postsecondary)</td>
<td>National Center for Construction Education &amp; Research (NCCER)</td>
<td>The Welding - level 4 credential measures knowledge and skills in the installation, maintenance, and repair of electric systems on aircraft, aircraft electronics specialists and avionics technicians who work closely with the maintenance technicians to keep all aircraft operations optimized. This work can take place in an aircraft or in a repair shop.</td>
<td>Exam required; passing score of 70% or greater</td>
<td>1 exam required</td>
<td>None</td>
<td><a href="http://www.nccer.org">www.nccer.org</a></td>
<td></td>
</tr>
</tbody>
</table>

Note: The information provided is a sample and may not represent the complete list of certifications and requirements. For the most accurate and up-to-date information, please refer to the respective agency's official website.
<table>
<thead>
<tr>
<th>OCE Code</th>
<th>Certification/Credential Title</th>
<th>Issuing Organization/Provider</th>
<th>Certification Description</th>
<th>Written Exam Requirements</th>
<th>Other Requirements (Apps., Program Completion, Etc.)</th>
<th>Work Experience</th>
<th>Additional Information</th>
<th>Agency Website</th>
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</thead>
<tbody>
<tr>
<td>NCSAF001</td>
<td>NCSF Certified Strength Coach</td>
<td>National Council on Strength and Fitness (NCSF)</td>
<td>The National Council on Strength and Fitness (NCSF) - Certified Strength Coach measures individual's knowledge and skills in strength training, motor control, exercise prescription, and special populations.</td>
<td>3 exam required, 150 scored items; 4 hours</td>
<td>A student must complete the requirements (set by the student) for the NCSF Certified Strength Coach certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NCSBN001</td>
<td>NCLEX-RN Certified Nurse</td>
<td>National Council of State Boards of Nursing (NCSBN)</td>
<td>The National Council of State Boards of Nursing (NCSBN) - Certified Nurse measures individual's knowledge and skills in patient care and preparation, administering medications, charting and recording, handling medical records, and performing front office functions.</td>
<td>1 exam required, 125 scored items; 25 unscored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within ten years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NCSAF002</td>
<td>Certified Personal Trainer</td>
<td>National Council on Strength and Fitness (NCSF)</td>
<td>The National Council on Strength and Fitness (NCSF) - Certified Personal Trainer measures individual's knowledge in functional anatomy &amp; physiology, sport nutrition, exercise physiology, and special populations.</td>
<td>2 exam required, 125 scored items; 25 unscored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NCFCT001</td>
<td>Certified ECG Technician</td>
<td>National Center for Competency Testing</td>
<td>The National Center for Competency Testing - Certified ECG Technician measures individual's knowledge in patient care and preparation, performing medical functions such as scheduling, communicating (with healthcare professionals, patients and their families), handling medical records, and managing finances in a medical office.</td>
<td>1 exam required, 175 scored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NCFCT005</td>
<td>Medical Assistant</td>
<td>National Center for Competency Testing</td>
<td>The National Center for Competency Testing - Medical Assistant measures individual's knowledge in patient care and preparation, performing medical functions such as scheduling, communicating (with healthcare professionals, patients and their families), handling medical records, and maintaining patient safety and confidentiality.</td>
<td>1 exam required, 150 scored items; 25 unscored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NCFCT006</td>
<td>National Certified Insurance and Coding Specialist (NCICS)</td>
<td>National Center for Competency Testing</td>
<td>The National Center for Competency Testing - National Certified Insurance and Coding Specialist measures individual's knowledge in standing and preparing for the National Certifying Examination for Coding Specialists.</td>
<td>1 exam required, 175 scored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>NCFCT007</td>
<td>National Certified Medical Office Assistant (NCMOA)</td>
<td>National Center for Competency Testing</td>
<td>The National Center for Competency Testing - National Certified Medical Office Assistant measures individual's knowledge in patient care and preparation, performing medical functions such as scheduling, communicating (with healthcare professionals, patients and their families), handling medical records, and managing finances in a medical office.</td>
<td>1 exam required, 150 scored items; 25 unscored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NCFCT008</td>
<td>Medical Office Assistant</td>
<td>National Center for Competency Testing</td>
<td>The National Center for Competency Testing - Medical Office Assistant measures individual's knowledge in patient care and preparation, performing medical functions such as scheduling, communicating (with healthcare professionals, patients and their families), handling medical records, and managing finances in a medical office.</td>
<td>1 exam required, 150 scored items; 25 unscored items; 3 hours</td>
<td>A student must submit a copy of their NCLEX-RN certification, certificate of completion, or official record with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NSB31001</td>
<td>Certified Strength Coach</td>
<td>National Council on Strength and Fitness (NCSF)</td>
<td>The National Council on Strength and Fitness (NCSF) - Certified Strength Coach measures individual's knowledge in functional anatomy &amp; physiology, sport nutrition, exercise physiology, and special populations.</td>
<td>3 exam required, 3 hours; 250 multiple choice questions; a passing score is 100% in all three exams.</td>
<td>A student must have at least one of the following requirements to be eligible for the exam: A current NCCA-accredited fitness professional certification or associate's degree or higher from an accredited college or university in an exercise science program or related field.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NSB31002</td>
<td>Certified Personal Trainer</td>
<td>National Council on Strength and Fitness (NCSF)</td>
<td>The National Council on Strength and Fitness (NCSF) - Certified Personal Trainer measures individual's knowledge in basic anatomy, physiology, health screening and evaluation, nutrition and weight management, exercise prescription, and special populations.</td>
<td>3 exam required, 3 hours; 250 multiple choice questions; a passing score is 100% in all three exams.</td>
<td>A student must have at least one of the following requirements to be eligible for the exam: A current NCCA-accredited fitness professional certification or associate's degree or higher from an accredited college or university in an exercise science program or related field.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NSB31003</td>
<td>Sport Nutrition Specialist</td>
<td>National Council on Strength and Fitness (NCSF)</td>
<td>The National Council on Strength and Fitness (NCSF) - Sport Nutrition Specialist measures individual's knowledge in nutrition and special populations.</td>
<td>3 exam required, 3 hours; 250 multiple choice questions; a passing score is 100% in all three exams.</td>
<td>A student must have at least one of the following requirements to be eligible for the exam: A current NCCA-accredited fitness professional certification or associate's degree or higher from an accredited college or university in an exercise science program or related field.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NSW989001</td>
<td>Certified Nurse Aide (CNA)</td>
<td>National Council of State Boards of Nursing (NCSBN)</td>
<td>The National Council of State Boards of Nursing (NCSBN) - Certified Nurse Aide measures individual's knowledge and skills in patient care and preparation, performing medical functions such as scheduling, communicating (with healthcare professionals, patients and their families), handling medical records, and managing finances in a medical office.</td>
<td>1 exam required, 150 scored items; 25 unscored items; 3 hours</td>
<td>A student must complete the requirements (set by the student) for the NCSBN Certified Nurse Aide certification to be released.</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>DOE Code</td>
<td>Certification/Credential Title</td>
<td>Issuing Organization/Provider</td>
<td>Certification Description</td>
<td>Written Exam Requirements</td>
<td>Other Requirements (Ags. Program Completion, etc.)</td>
<td>Work Experience</td>
<td>Additional Information</td>
<td>Agency Website</td>
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<tr>
<td>NCLEX-PN</td>
<td>National Licensed Practical Nurse (NCLEX-PN)</td>
<td>National Council of State Boards of Nursing</td>
<td>The National Licensed Practical Nurse (NCLEX-PN) exam measures knowledge and skills to nurses, nurses' aides, and related personnel in the provision of patient care; recognizes academic, certificate, and practical experience.</td>
<td>Written Exam required; 80 to 95 questions; 1 hour 40 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE031</td>
<td>ASE - Preventive Maintenance Inspection (PMI) (T8) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Preventive Maintenance Inspection (PMI) (T8) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair medium/heavy duty truck systems.</td>
<td>Written Exam required; 80 to 95 questions; 1 hour 40 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE029</td>
<td>ASE - Painting and Refinishing (B2) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Painting and Refinishing (B2) certification identifies and recognizes those collision repair technicians and refinishers who can demonstrate knowledge of the skills necessary to diagnose, service, and repair electrical/electronic systems.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE021</td>
<td>ASE - Drive Train (T3) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Drive Train (T3) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair heating and air conditioning.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE020</td>
<td>ASE - Diesel Engines (T2) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Diesel Engines (T2) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair electrical/electronic systems.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE014</td>
<td>ASE - Suspension and Steering (A4) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Suspension and Steering (A4) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair HVAC.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE012</td>
<td>ASE - Manual Drive Train and Axles (A3) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Manual Drive Train and Axles (A3) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair automatic transmission/transaxle.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE011</td>
<td>ASE - Heating and Air Conditioning (A7) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Heating and Air Conditioning (A7) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair diesel engines.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE010</td>
<td>ASE - Engine Repair (A1) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Engine Repair (A1) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair gasoline engines.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>ASE007</td>
<td>ASE - Brakes (A5) National Institute for Automotive Service Excellence</td>
<td>National Institute for Automotive Service Excellence</td>
<td>The ASE - Brakes (A5) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair light duty brakes.</td>
<td>Written Exam required; 50 questions; 60 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA009</td>
<td>National Advanced Technician (NAT) (T9)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T9) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair HVAC.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA008</td>
<td>National Advanced Technician (NAT) (T8)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T8) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair electrical/electronic systems.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA007</td>
<td>National Advanced Technician (NAT) (T7)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T7) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair automatic transmission/transaxle.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA006</td>
<td>National Advanced Technician (NAT) (T6)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T6) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair medium/heavy duty truck systems.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA005</td>
<td>National Advanced Technician (NAT) (T5)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T5) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair diesel engines.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA004</td>
<td>National Advanced Technician (NAT) (T4)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T4) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair gasoline engines.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA003</td>
<td>National Advanced Technician (NAT) (T3)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T3) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair heating and air conditioning.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA002</td>
<td>National Advanced Technician (NAT) (T2)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T2) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair engine repair.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>CCA001</td>
<td>National Advanced Technician (NAT) (T1)</td>
<td>Common Ground Automotive</td>
<td>The National Advanced Technician (NAT) (T1) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair transmission.</td>
<td>Written Exam required; 85 to 205 questions; 5 hour 15 minutes</td>
<td>None</td>
<td>2 years of work experience is required.</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

2020-2021 CAPE Postsecondary Industry Certification Funding List Detailed
The EDM - Wire certification measures knowledge and skills in electrical discharge machining (EDM) Wire 2 axis operations.

- The CNC Turning Skills II certification measures knowledge and skills in CNC turning including program writing and operating a CNC lathe.

- The ASE - Compressed Natural Gas (CNG) Engines (H1) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair CNG engines.

- The ASE - Preventive Maintenance and Inspection (PMI) (H8) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to perform PMI tasks.

- The ASE - Heating Ventilation and Air Conditioning (HVAC) (H7) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair HVAC systems.

- The ASE - Brakes (H4) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair braking systems.

- The ASE - Compressed Natural Gas (CNG) Engines (H1) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair CNG engines.

- The ASE - Diesel Engines (H2) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair diesel engines.

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- The ASE - Alternate Fuels (F1) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair alternative fuels vehicles.

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The Certified Internet Web (CIW) JavaScript Specialist certification measures knowledge and skills to create dynamic web pages using JavaScript scripting language. This includes understanding language objects and expressions, custom objects, modify HTML, and traditional and electronic commerce, and will explore e-commerce technologies at various levels of sophistication.

The Certified Internet Web (CIW) E-Commerce Specialist certification measures knowledge and skills on how to conduct business online and traditional and electronic commerce, and will explore e-commerce technologies at various levels of sophistication.

The Certified Internet Web (CIW) Web Security Professional series certification measures knowledge and skills to configure, manage and deploy e-business solutions servers, and cloud computing strategies.

The Certified Internet Web (CIW) Web Design Specialist certification measures knowledge and skills to design, develop and deploy websites using HTML, CSS, JavaScript, and traditional and electronic commerce, and will explore e-commerce technologies at various levels of sophistication.

The Certified Internet Web (CIW) Web Application Developer certification measures knowledge and skills to develop and deploy web applications on the Internet and traditional and electronic commerce, and will explore e-commerce technologies at various levels of sophistication.

The Emergency Medical Technician (EMT) certification verifies that an applicant who successfully completes this certification has the necessary knowledge and skills to operate machines that remove wastes, salts, and other water from patients’ blood while keeping safe levels of certain substances.

The Certified Clinical Hemodialysis Technician certification measures knowledge and skills to operate machines that remove wastes, salts, and other water from patients’ blood while keeping safe levels of certain substances.

The Certified Surgical Technologist (CST) measures knowledge and skills to operate machines that remove wastes, salts, and other water from patients’ blood while keeping safe levels of certain substances. It also measures knowledge and skills to assist in operations, under the supervision of surgeons, registered nurses, or surgeons and surgeon’s assistants, hold instruments and other supplies to surgeons and surgeon’s assistants, hold instruments and other supplies to surgeons and surgeon’s assistants.

The Certified Surgical First Assistant (CSFA) measures knowledge and skills to operate machines that remove wastes, salts, and other water from patients’ blood while keeping safe levels of certain substances. It also measures knowledge and skills to assist in operations, under the supervision of surgeons, registered nurses, or surgeons and surgeon’s assistants, hold instruments and other supplies to surgeons and surgeon’s assistants.

The Emergency Medical Technician (EMT) certification verifies that an applicant who successfully completes this certification has the necessary knowledge and skills to develop and deploy web applications on the Internet and traditional and electronic commerce, and will explore e-commerce technologies at various levels of sophistication.

The Certified Clinical Hemodialysis Technician certification measures knowledge and skills to operate machines that remove wastes, salts, and other water from patients’ blood while keeping safe levels of certain substances. It also measures knowledge and skills to assist in operations, under the supervision of surgeons, registered nurses, or surgeons and surgeon’s assistants, hold instruments and other supplies to surgeons and surgeon’s assistants.

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### DOE Code | Certification/Credential Title | Issuing Organization/Provider | Certification Description | Written Exam Requirements | Other Requirements (Ag, Program Completion, etc.) | Work Experience | Additional Information | Agency Website | New to List or New Funding Eligible Status
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
PEG92029 | Certified Internet Web (CIW) Perl Specialist | Certification Partners | The Certified Internet Web (CIW) Perl Specialist certification measures knowledge and skills to code in the Perl programming language including Perl syntax, the basics of using regular expressions, how to use Perl data types, and new features and extended Perl files. | Exam required | None | None | None | [www.ciwcertified.com](http://www.ciwcertified.com) | Yes
PEG92031 | Certified Internet Web (CIW) Web Design Professional | Certification Partners | The Certified Internet Web (CIW) Web Design Professional certification requires candidates to prove their understanding in the areas of web site design and web content. Individuals must be able to develop and maintain web sites using authoring and scripting languages, create content and digital media, and employ standards and technologies for business telecommunications and business-to-consumer e-commerce web sites. | Exam required | None | None | None | [www.ciwcertified.com](http://www.ciwcertified.com) | Yes
PEG92032 | Certified Internet Web (CIW) Web Design Specialist | Certification Partners | The Certified Internet Web (CIW) Web Design Specialist certification measures knowledge and skills in how to design and publish web sites. Class topics include web site development essentials (such as site development process, customer expectations, and ethical and legal issues in web development), web design elements (such as aesthetics, the site user experience, navigation, usability and accessibility), basic web technologies (such as basic Hypertext Markup Language [HTML], Extensible Hyper text Markup Language [XHTML] and external technologies, image files, site site development applications, site publishing and maintenance) and advanced web technologies (such as multimedia and plug-in technologies, client-side and server-side technologies, and web databases). | Exam required | None | None | None | [www.ciwcertified.com](http://www.ciwcertified.com) | Yes
PEG92035 | Certified Internet Web (CIW) Web Development Professional | Certification Partners | The Certified Internet Web (CIW) Web Development Professional certification measures candidate knowledge and skills in the Web technologies and skills needed to work with the Web development life cycle. | Exam required | None | None | None | [www.ciwcertified.com](http://www.ciwcertified.com) | Yes
PEG92036 | Certified Internet Web (CIW) Web Security Specialist | Certification Partners | The Certified Internet Web (CIW) Web Security Specialist certification measures knowledge and skills in how to safeguard and ensure the availability of a website, network, and application environment, including security principles, such as establishing an effective security policy, and using the different types of popular attacks that are targeting web applications. | Exam required | None | None | None | [www.ciwcertified.com](http://www.ciwcertified.com) | Yes
PEG92027 | Certified Internet Web (CIW) Advanced HTML5 & CSS Specialist | Certification Partners | The Certified Internet Web (CIW) Advanced HTML5 & CSS Specialist certification tests competencies in the technologies, known as the Web development triad, provide Web designers the tools needed to transform information into a usable interface, including security principles, such as establishing an effective security policy, and using the different types of popular attacks that are targeting web applications. | Exam required | None | None | None | [www.ciwcertified.com](http://www.ciwcertified.com) | Yes
FTC0008 | Pharmacy Technician | Pharmacy Technician Certification Board | The Pharmacy Technician certification measures knowledge and skills needed to assist pharmacists to prepare and dispense prescriptions. | Exam required; Multiple choice questions; 100 minutes | None | None | None | [www.ptcb.org](http://www.ptcb.org) | Yes
PEB7031 | Radiologist Certified System Administrator (RHCSA) Certification | Red Hat | The performance based test (Red Hat Certified System Administrator [RHCSA]) measures the administrator's knowledge and skills in a range of environments and deployment scenarios. The test is based on the foundation for system administration across all Red Hat products. | Exam required; (5000) exam is divided into three practical exams | None | None | None | [www.redhat.com](http://www.redhat.com) | Yes
BEF9101 | Lean Bronze Certification (LC1) | Society of Manufacturing Engineers | The Lean Bronze Certification (LC1) certification measures knowledge of basic Lean principles and tools, and ability in tactical implementation that has shown improvement and shows measurable results. | Exam required; 250 questions; complete a CIW Certified Internet Web Design Specialist and CIW E-Commerce Specialist | None | None | None | [www.smne.org](http://www.smne.org) | Yes
BEF9102 | Certified Maintenance and Reliability Professional (CMRP) | Society for Maintenance and Reliability Professionals | The Certified Maintenance and Reliability Professional certification measures knowledge and skills for preventive, predictive, and corrective maintenance. CMRPs can perform troubleshooting and analysis, and apply sound maintenance practices in all aspects of their work. | Exam required; 175 multiple choice questions; 5 hours | Candidates must schedule and take an examination within two years of the date they make application and are made eligible to sit for it. | None | None | [www.smne.org](http://www.smne.org) | Yes
CHU1001 | Certified Healthcare Professional (CHP) - Academic | Healthcare Systems Industries Corporation | The Certified Healthcare Professional (CHP) – Academic certification measures knowledge and skills in the areas of computer hardware and software, computer networks, data communications, and basic networking (including LAN, WAN, and Full Switching). | Exam required; 5 hours | None | None | None | [www.chu1001.com](http://www.chu1001.com) | Yes
CN1001 | Analytics Technician | Spaceteq | The Analytics Technician certification measures knowledge and skills for successful work with use of an aerospace technology who can provide valuable service, test, operate, maintain or repair systems associated with responsible and capable launch vehicle systems. | Exam required; 5 parts; Written, Oral, Practical, Theory, 70 questions | None | None | None | [www.spaceteq.com](http://www.spaceteq.com) | Yes
CMO8001 | Certified in Production and Inventory Management (CIPM) | Association of Supply Chain Management (ASCM) | The Certified in Production and Inventory Management (CIPM) certification measures knowledge and skills in the areas of production and inventory management techniques and tools, including production planning, statistics and capacity requirements planning, just in time, and operating and managing the systems. | Exam required | None | None | None | [www.ascm.org](http://www.ascm.org) | Yes
CAP0801 | Advanced Unmanned Safety, Level 2 | Unmanned Safety Institute | The Advanced Unmanned Safety, Level 2 certification tests competencies in unmanned aviation safety operations; flight risk assessment, post-flight test standards, the ability to perform on-demand, to react to simulated emergencies, decision making in flight, the ability to follow protocols, procedures, technical and safe attitudes in the operation of unmanned systems, and unmanned aircraft systems. | Exam required; written flight and systems focus | None | None | None | [www.unmannedsafetyinstitute.org](http://www.unmannedsafetyinstitute.org) | Yes
CAP0801 | Advanced Unmanned Safety, Level 2 | Unmanned Safety Institute | The Advanced Unmanned Safety, Level 2 certification tests competencies in unmanned aviation safety operations; flight risk assessment, post-flight test standards, the ability to perform on-demand, to react to simulated emergencies, decision making in flight, the ability to follow protocols, procedures, technical and safe attitudes in the operation of unmanned systems, and unmanned aircraft systems. | Exam required; written flight and systems focus | None | None | None | [www.unmannedsafetyinstitute.org](http://www.unmannedsafetyinstitute.org) | Yes

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<tr>
<th>DOE Code</th>
<th>Certification/Credential Title</th>
<th>Issuing Organization/Provider</th>
<th>Certification Description</th>
<th>Written Exam Requirements</th>
<th>Other Requirements (Age, Program Completion, etc.)</th>
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<th>New to List or New Funding Eligible Status</th>
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<tr>
<td>USINS005</td>
<td>Advanced Unmanned System Operations (AUSO) Ground</td>
<td>Ground Safety Institute</td>
<td>The Advanced Unmanned System Operations (AUSO) Ground certification exam tests competencies in unmanned aviation safety, pre-flight risk assessments, aircraft systems, and proficiency through simulation, safety analysis, flight simulation, and the use of safety features in aircraft.</td>
<td>1 exam required: AUSO Ground and Systems</td>
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<td>None</td>
<td>None</td>
<td><a href="https://www.unmsd.org/unmsd/members/">https://www.unmsd.org/unmsd/members/</a></td>
<td>Yes</td>
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<tr>
<td>VMware004</td>
<td>VMware Certified Professional - Data Center Virtualization</td>
<td>VMware</td>
<td>VMware Certified Professional - Data Center Virtualization measures users' skill level in implementing, managing, and installing virtualization environments using best practices.</td>
<td>1 exam, 70 questions, 105 minutes</td>
<td>Must attend one training course at an authorized training center and pass the vSphere 6 or 6.5 Foundations Exam.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td><a href="https://www.vmware.com/education/learn/index.html">https://www.vmware.com/education/learn/index.html</a></td>
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