

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
AAMIN001	Certified Biomedical Equipment Technician	Association for the Advancement of Medical Instrumentation (AAMI)	The CBET certification measures users' knowledge of electromechanical devices, computers, networks and software used in the delivery of healthcare. Generally, candidates desiring for certification in this category may work for medical device manufacturers, hospitals, clinics, home healthcare providers, medical device repair companies, regulatory bodies/agencies, and software manufacturers – such as EMR or device integration providers.	1 exam required, 165 multiple choice questions, 3 hours, Minimum score required is 116/165.	None	None	None	www.aami.org/certification/	
ABAYC001	Composite Boat Builder Certification	American Boat & Yacht Council	The Composite Boat Builder Certification measures users' knowledge of composite construction techniques, production and advanced manufacturing processes, structural details and hardware installation, quality assurance and safety and environmental compliance.	1 exam required, 200 multiple choice questions; 3 hours	None	None	Individuals may reference all study materials including the supplied study guide (which contains all pertinent ABYC standards integrated into the text), class notes and additional ABYC standards in either printed or computer-based form during the certification exam.	www.abycinc.org/	
ABAYC002	Marine Diesel Certification	American Boat & Yacht Council	The Marine Diesel Certification measures users' knowledge of diesel engines cooling systems, electrical systems, fuel systems, ventilation systems, exhaust systems, control systems, fuel injection, and drive systems.	1 exam required, 200 multiple choice questions; 3 hours	None	None	Individuals may reference all study materials including the supplied study guide (which contains all pertinent ABYC standards integrated into the text), class notes and additional ABYC standards in either printed or computer-based form during the certification exam.	www.abycinc.org/	
ABAYC003	Marine Electrical Certification	American Boat & Yacht Council	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 generators, maintenance and installing of battery systems, and safety equipment.	1 exam required, 200 multiple choice questions; 3 hours	None	None	Individuals may reference all study materials including the supplied study guide (which contains all pertinent ABYC standards integrated into the text), class notes and additional ABYC standards in either printed or computer-based form during the certification exam.	www.abycinc.org/	
ABAYC005	Marine Systems Certification	American Boat & Yacht Council	The Marine Systems Certification measures users' knowledge and skills in potable water systems, marine sanitation systems, tankage, hull piping, electrical installations, compressed gas for cooking and heating, air conditioning and refrigeration systems, pump systems, fuel systems (gas and diesel), steering and control systems, accessory control systems, fire protection systems, and general knowledge and boatyard etiquette.	1 exam required, 200 multiple choice questions; 3 hours	None	None	Individuals may reference all study materials including the supplied study guide (which contains all pertinent ABYC standards integrated into the text), class notes and additional ABYC standards in either printed or computer-based form during the certification exam.	www.abycinc.org/	
ABAYC006	A/C Refrigeration Certification	American Boat & Yacht Council	The A/C Refrigeration Certification measures users' knowledge and skills in air conditioning and refrigeration systems in the boating and yachting industry.	1 exam required, 200 multiple choice questions; 3 hours	None	None	Individuals may reference all study materials including the supplied study guide (which contains all pertinent ABYC standards integrated into the text), class notes and additional ABYC standards in either printed or computer-based form during the certification exam.	www.abycinc.org/	
ABAYC007	Marine Corrosion Certification	American Boat & Yacht Council	The Marine Corrosion Certification measures users' knowledge and skills in basic molecular theory, chemical reaction fundamentals, basic electrical theory, corrosion processes, the galvanic series, corrosion types, induced (electrolytic) corrosion rules and electron movement, corrosion control/material properties, relevant ABYC Standards review, cathodic protection systems, corrosion mitigation, protective coatings, aluminum outdrive issues and solutions, conducting a corrosion survey, and protection calculations and troubleshooting.	1 exam required, 200 multiple choice questions; 3 hours	None	None	Individuals may reference all study materials including the supplied study guide (which contains all pertinent ABYC standards integrated into the text), class notes and additional ABYC standards in either printed or computer-based form during the certification exam.	www.abycinc.org/	
ABCOP001	Certified Prosthetic-Orthotic Technician (CTPO)	American Board for Certification in Orthotics, Prosthetics & Pedorthics	The Certified Prosthetic-Orthotic Technician (CTPO) certification measures users' knowledge and skills in providing technical support such as fabricates, repairs and maintains orthoses and/or prostheses; and is also proficient in current fabricating techniques, familiar with material properties and skilled in the use of appropriate equipment.	1 exam required; 125 multiple choice questions; 3 hours	Pathway 1 (Education Only): Successfully complete a Commission on Accreditation of Allied Health Education Programs (CAAHEP)/National Commission on Orthotic and Prosthetic Education (NCOPE) approved technician education program OR	Pathway 2 (Education and Experience) Education: High school diploma, GED or a college degree Experience: Two years of technical experience in the discipline(s) of application under the supervision of an ABC Certified Practitioner or an ABC Certified Technician in that discipline(s).	None	www.abcop.org	Yes

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ABRET001	Registered EEG Technologist (R. EEG T.)	American Board of Registration of Electroencephalographic and Evoked Potential Technologists	The Registered EEG Technologist (R. EEG T.) measures users' knowledge and skills in technological duties associated with electroencephalographic (EEG) scans, providing doctors with information regarding neurological and nervous system activity.	1 exam required	None	None	None	www.abret.org/	
ACFAT001	Accredited Business Accountant (ABA)	Accreditation Council for Accountancy & Taxation	The Accredited Business Accountant (ABA) certification measures users' knowledge and skills in financial accounting, financial reporting, financial statement preparation, taxation, business consulting services, business law and ethics.	1 exam required (2 parts); Part 1 - 100 multiple choice questions; 3.5 hours; Part 2 - 100 multiple choice questions; 3.5 hours	None	Three years experience: Related work experience includes verifiable experience in accounting, taxation, financial services, or other field requiring a practical and theoretical knowledge of the subject matter covered on the ACAT Comprehensive Examination.	Individuals who pass the exam but have not met the experience requirement may market themselves as having passed the ACAT Comprehensive Examination for Accreditation in Accountancy, but are not entitled to use the ABA designation.	www.acatcredentials.org	
ACFED001	Certified Chef de Cuisine	American Culinary Federation	The Certified Chef de Cuisine (CCC) certification measures users' knowledge and skills in basic cooking; advanced cooking; supervisory management; sanitation, nutrition; and basic baking; food safety and sanitation; organization; cooking skills and culinary techniques; and taste and presentation.	1 written exam required; 1 hour; 100 multiple choice questions; minimum score of 70% or higher required; 1 practical exam required; 3 hours; minimum score of 75% or higher required.	High school diploma/GED plus 100 hours of continuing education. If candidate does not have a high school diploma/GED, 200 hours of continuing education are required. Hours earned for mandatory courses and/or refreshers are included in the minimum CEH requirement.	Three years as a Sous Chef or chef who supervises a shift or station(s) in a foodservice operation. Must have supervised at least two full-time people in the preparation of food. Experience must be within the past 10 years.	None	www.acfchefs.org	
ACFED002	Certified Culinarian (CC)	American Culinary Federation	A Certified Culinarian (CC) certification measures users' knowledge and skills in preparing and cooking sauces, cold food, fish, soups and stocks, meats, vegetables, eggs and other food items.	2 exams required (1 written and 1 practical); 100 multiple choice questions; Score of 70% or higher required to pass	None	None	None	www.acfchefs.org	
ACOPC004	Certified Outpatient Coder (COC)	American Academy of Professional Coders	The COC certification measures users' knowledge and skills in assigning accurate medical codes for diagnoses, procedures and services performed in the outpatient setting (emergency department visits, outpatient clinic visits, same day surgeries, diagnostic testing (radiology and laboratory), and outpatient therapies (physical therapy, occupational therapy, speech therapy, and chemotherapy).	1 exam required; 150 multiple choice questions; 5 hours 4 minutes	None	None	An associates degree and maintaining a current membership with the AAPC is recommended.	www.aapc.com/	
ACOPC005	Certified Professional Coder - Payer (CPC-P)	American Academy of Professional Coders	The CPC-P® certification demonstrates a coder's aptitude, proficiency and knowledge of coding guidelines and reimbursement methodologies for all types of services from the payer's perspective. Claims reviewers, utilization management, auditors, benefits administrators, billing service, provider relations, contracting and customer service staff can use a CPC-P® credential.	1 exam required; 150 multiple choice questions; 5 hours 4 minutes	None	None	An associates degree and maintaining a current membership with the AAPC is recommended.	www.aapc.com/	
ACOPC006	Certified Professional Coder (CPC)	American Academy of Professional Coders	The CPC certification measures users' knowledge and skills in Health and information documentation; ICD-9-CM diagnosis coding; CPT and HCPCS II coding; reimbursement; data quality and analysis; information and communication technologies; and compliance and regulatory issues.	1 exam required; 150 multiple choice questions; 5 hours 4 minutes	None	None	An associates degree and maintaining a current membership with the AAPC is recommended.	www.aapc.com/	
ACOPC007	Certified Professional Biller (CPB)	American Academy of Professional Coders	The CPB certification measures users' knowledge and skills in government regulations and private payer policies, follow-up on claim statuses, resolution of claim denials, appeals submission, posting of payments and adjustments, and collections management.	1 exam required; 150 multiple choice questions; 5 hours 4 minutes	None	None	An associates degree and maintaining a current membership with the AAPC is recommended.	www.aapc.com/	
ACSMDO02	Certified Personal Trainer	American College of Sports Medicine	The ACSM Certified Personal Trainer certification measures knowledge and skills in demonstrating safe and effective methods of exercise by applying the fundamental principles of exercise science and in writing appropriate exercise recommendations.	1 exam required	Individuals must have a high school diploma or equivalent; Must be 18 years of age; have a current Adult CPR certification that has a practical skills examination component (such as the American Heart Association or the American Red Cross)	None	None	http://certification.acsm.org/	
ADESK021	Autodesk Certified Professional - AutoCAD	Autodesk	The Autodesk Certified Professional - AutoCAD certification measures professional users' knowledge of the tools, features, and common tasks of the AutoCAD product, which is a 2D and 3D CAD application that allows users to design, visualize, and document ideas.	1 exam required; 120-minute performance based test with 35 questions.	None	None	It is recommended that an individual complete an Autodesk Official Training Courseware (AOTC) or equivalent plus 400 hours of hands-on application before sitting for the exam.	www.autodesk.com	

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ADESK023	Autodesk Certified Professional - AutoCAD Civil 3D	Autodesk	The Autodesk Certified Professional - AutoCAD Civil 3D certification measures professional users' knowledge of the AutoCAD Civil 3D product, which provides project teams with a comprehensive surveying, design, analysis and documentation solution to deliver land development, transportation, and environmental projects.	1 exam required; 120-minute performance based test with 35 questions.	None	None	None	www.autodesk.com	
ADESK024	Autodesk Certified Professional - Inventor	Autodesk	The Autodesk Certified Professional - Inventor certification measures professional users' provides a comprehensive set of 3D modeling and mechanical design tools for producing, validating, and documenting complete digital prototypes.	1 exam required; 120-minute performance based test with 35 questions.	None	None	It is recommended that an individual complete an Autodesk Official Training Courseware (AOTC) or equivalent plus 400 hours of hands-on application before sitting for the exam.	www.autodesk.com	
ADESK025	Autodesk Certified Professional - Revit Architecture	Autodesk	The Autodesk Certified Professional - Revit Architecture certification measures professional users' knowledge of the Revit Architecture product, which provides building information modeling software and allows architects to focus on designing buildings, work in any view, iterate throughout the different design phases, and make changes to major compositional elements.	1 exam required; 120-minute performance based test with 35 questions.	None	None	It is recommended that an individual complete an Autodesk Official Training Courseware (AOTC) or equivalent plus 400 hours of hands-on application before sitting for the exam.	www.autodesk.com	
ADOBE003	Adobe Certified Expert (ACE) - Illustrator	Adobe Systems	The Adobe Certified Expert (Illustrator) certification measures users' knowledge of creating and editing vector graphics in the Illustrator application for graphic designers and arts. This includes preparing graphics for print, Web, and mobile platforms.	1 exam required; 60 questions with a minimum passing score of 63%.	None	None	None	www.adobe.com	
ADOBE005	Adobe Certified Expert (ACE) - Photoshop	Adobe Systems	The Adobe Certified Expert - Photoshop certification measures users' knowledge of correcting, painting, and retouching images using the Photoshop application. This includes knowledge in Photoshop UI, painting and retouching, creating and using layers, supporting video; working with vector tools, automation, and filters; using camera RAW; managing color, and preparing images for the web.	1 exam required; 57 questions with a minimum passing score of 63%.	None	None	None	www.adobe.com	
ADOBE019	Adobe Certified Expert (ACE) - Dreamweaver	Adobe Systems	The Adobe Certified Expert (ACE) in Dreamweaver certification measures users' knowledge and skills of site architecture, designing page layouts, coding pages, and formatting page elements.	1 exam required; 60 multiple choice questions, 65 minutes, minimum passing score of 75% required.	None	None	None	www.adobe.com	
AFHDI001	Certified Healthcare Documentation Specialist (CHDS)	Association for Healthcare Documentation Integrity (AHDI)	The CHDS certification measures users' knowledge and skills needed to practice medical transcription effectively in a multispecialty acute-care facility, where variable specialties, document types, and difficulty of dictation necessitate an advanced level of clinical knowledge and interpretive ability.	1 exam required	None	None	None	www.ahdionline.org	
AFHDI002	Registered Healthcare Documentation Specialist (RHDS)	Association for Healthcare Documentation Integrity (AHDI)	The Registered Healthcare Documentation Specialist (RHDS) certification measures users' knowledge and skills in medical terminology; anatomy; physiology; disease processes; diagnostics – laboratory medicine, imaging, classification systems; and treatment – pharmacology, surgery.	1 exam required; 130 multiple choice questions and fill-in-the-blank transcription against audio.	None	None	None	www.ahdionline.org	
AHCSM001	Certified Registered Central Service Technician	International Association of Healthcare Central Service Material Management	The CRCST Certification measures users' knowledge and skills in decontaminating, inspecting, assembling, disassembling, packaging, and sterilizing reusable surgical instruments or devices in a health care facility that are essential for patient safety.	1 exam required	400 hours of hands-on experience	None	None	www.iahcsmm.org/	
AHIMA001	Certified Coding Associate (CCA)	American Health Information Management Association	The CCA certification measures users' knowledge and skills in health records and data content; health information requirements and standards; clinical classification systems; reimbursement methodologies; information and communication technologies; and privacy, confidentiality, legal and ethical issues.	1 exam required; 100 multiple choice, 2 hours	None	None	Recommended: 6 months coding experience directly applying codes; OR Completion of an AHIMA approved coding program (PCAP Program); OR Completion of other coding training program to include anatomy & physiology, medical terminology, Basic ICD diagnostic/procedural and Basic CPT coding.	www.ahima.org	

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AHIMA002	Certified Coding Specialist (CCS)	American Health Information Management Association	The Certified Coding Specialists (CCS) certification measures users' knowledge and skills in classifying medical data from patient records, usually in a hospital setting. CCS review patients' records and assign numeric codes for each diagnosis and procedure. They possess expertise in the ICD-9-CM and CPT coding systems as well as knowledge of medical terminology, disease processes, and pharmacology.	1 exam required (2 parts); Part 1 - 60 multiple choice questions; Part 2 (Medical Record Coding) - requires coding of 13 medical records containing seven outpatient records and six inpatient records	Completed coursework in anatomy and physiology, pathophysiology, and pharmacology, or demonstrated proficiency in these areas.	At least 3 years of on-the-job experience in hospital-based inpatient coding and Ambulatory/Outpatient Car coding for multiple case types.	None	www.ahima.org	
AHIMA003	Certified Coding Specialist - Physician-based (CCS-P)	American Health Information Management Association	The Certified Coding Specialist - Physician-based (CCS-P) certification measures users' knowledge and skills in physician-based settings and in-depth knowledge of the CPT coding system and familiarity with the ICD-9-CM and HCPCS Level II coding systems.	1 exam required (2 parts); Part 1 - 60 multiple choice questions; Part 2 (Medical Record Coding) - requires performance of diagnostic (ICD-9) and procedural (CPT and HCPCS Level II) coding for physician services	Completed coursework in anatomy and physiology, pathophysiology, and pharmacology, or demonstrated proficiency in these areas.	At least three years of on-the-job experience in coding for physician services in multiple settings utilizing codes in the E/M, surgery, medicine and/or anesthesia, radiology and laboratory chapters of CPT and HCPCS II.	None	www.ahima.org	
AHIMA007	Registered Health Information Administrator (RHIA)	American Health Information Management Association	The RHIA certification measures users' knowledge and skills in managing patient health information and medical records, administering computer information systems, collecting and analyzing patient data, and using classification systems and medical terminologies; possessing comprehensive knowledge of medical, administrative, ethical and legal requirements and standards related to healthcare delivery and the privacy of protected patient information; managing people and operational units, participates in administrative committees, and prepares budgets; and interacting with all levels of an organization - clinical, financial, administrative, and information systems - that employ patient data in decision-making and everyday operations.	1 exam required; 180 four-option, multiple choice questions (160 scored questions and 20 pretest questions); 4 hours	None	None	None	www.ahima.org	
AHIMA009	Registered Health Information Technician (RHIT)	American Health Information Management Association	The RHITs certification measures users' knowledge and skills in ensuring the quality of medical records by verifying their completeness, accuracy, and proper entry into computer systems; and using computer applications to assemble and analyze patient data for the purpose of improving patient care or controlling costs.	1 exam required; 150 four-option, multiple choice questions (130 scored questions and 20 pretest questions); 3.5 hours	None	None	None	www.ahima.org	
AHIMA010	Certified in Health Care Privacy & Security (CHPS)	American Health Information Management Association	The CHPS certification measures users' knowledge and skills in management and administration; regulatory requirements, investigation and compliance; information technology; physical safeguards; and health information management.	1 exam required; 150 four-option, multiple choice questions (125 scored questions and 25 pretest questions); 3.5 hours	None	None	None	www.ahima.org	
AHIMA011	Certified Healthcare Technology Specialist - Clinician/Practitioner Consultant (CHTS-CP)	American Health Information Management Association	The CHTS-CP certification measures users' knowledge and skills in solutions for health IT implementation problems in clinical and public health settings; workflow and data collection issues from a clinical perspective, including quality measurement and improvement; selection of vendors and software; and users' needs, acting as a liaison between users, IT staff, and vendors.	1 exam required; 125 multiple choice questions; 3 hours	None	None	None	www.ahima.org	
AHIMA012	Certified Healthcare Technology Specialist - Implementation Manager (CHTS-IM)	American Health Information Management Association	The CHTS-IM certification measures users' knowledge and skills in project management and change management principles to create implementation project plans to achieve the project goals; interaction with office/hospital personnel to ensure open communication with the support team; and managing vendor relations, providing feedback to health IT vendors for product improvement.	1 exam required; 125 multiple choice questions; 3 hours	None	None	None	www.ahima.org	

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AHIMA013	Certified Healthcare Technology Specialist - Implementation Support Specialist (CHTS-IS)	American Health Information Management Association	The CHTS-IS certification measures users' knowledge and skills in implementation project plans, by installing hardware (as needed) and configuring software to meet practice needs; usability principles into design and implementation; testing the software against performance specifications; and interacting with the vendors as needed to rectify problems that occur during the deployment process.	1 exam required; 125 multiple choice questions; 3 hours	None	None	None	www.ahima.org	
AHIMA014	Certified Healthcare Technology Specialist - Practice Workflow & Information Management Redesign Specialist (CHTS-PW)	American Health Information Management Association	The CHTS-PW certification measures users' knowledge and skills in conducting user requirements analysis to facilitate workflow design; integrating information technology functions into workflow; documenting health information exchange needs; designing processes and information flows that accommodate quality improvement and reporting; working with provider personnel to implement revised workflows; and evaluating process workflows to validate or improve practice's systems.	1 exam required; 125 multiple choice questions; 3 hours	None	None	None	www.ahima.org	
AHIMA015	Certified Healthcare Technology Specialist - Technical/Software Support Staff (CHTS-TS)	American Health Information Management Association	The CHTS-TS certification measures users' knowledge and skills in interacting with end users to diagnose IT problems and implement solutions; documenting IT problems and evaluate the effectiveness of problem resolution; and supporting systems security and standards.	1 exam required; 125 multiple choice questions; 3 hours	None	None	None	www.ahima.org	
AHIMA016	Certified Healthcare Technology Specialist - Trainer (CHTS-TR)	American Health Information Management Association	The CHTS-TR certification measures users' knowledge and skills in using a range of health IT applications, preferably at an expert level; assessing training needs and competencies of learners; and designing lesson plans, structuring active learning experiences for users.	1 exam required; 125 multiple choice questions; 3 hours	None	None	None	www.ahima.org	
AHIMA017	Certified Documentation Improvement Practitioner (CDIP)	American Health Information Management Association	The CDIP certification measures users' knowledge and skills in clinical documentation in patient health records; health informatics and information management community; and capturing documentation necessary to fully communicate patients' health status and conditions.	1 exam required	An RHIA®, RHIT®, CCS®, CCS-P®, RN, MD or DO and two (2) years experience in clinical documentation improvement OR An Associate's degree or higher and three (3) years of experience in clinical documentation improvement (Individuals must also have completed coursework in Medical Terminology and Anatomy and Physiology)	None	None	www.ahima.org	
AHIMA018	Certified Health Data Analyst (CHDA)	American Health Information Management Association	The CHDA designation certification measures users' knowledge to acquire, manage, analyze, interpret, and transform data into accurate, consistent, and timely information. CHDA-credentialed professionals exhibit broad organizational knowledge and the ability to communicate with individuals and groups at multiple levels, both internal and external.	1 exam required	Associate's degree and minimum of five (5) years of healthcare data experience •Healthcare information management credential (RHIT®) and minimum of three (3) years of healthcare data experience.	None	None	www.ahima.org	
AIOPB001	Certified Bookkeeper	American Institute of Professional Bookkeepers	The American Institute of Professional Bookkeepers' (AIPB) certification measures knowledge in the skills to achieve recognition of bookkeepers as accounting professionals.	4 exams required; passing score for each exam is 75%.	None	Individuals are required to complete at least two years experience or the part time freelance equivalent.	None	www.aipb.org	
AMAMA001	Certified Medical Assistant (CMA)	American Association of Medical Assistants	The Certified Medical Assistant (CMA) certification measures knowledge and skills in ambulatory settings (clinics and medical offices) under the supervision of physicians. CMAs are capable of doing both clinical and administrative procedures and are tested in such procedures.	1 exam required; 200 multiple choice questions	Individuals must be a graduate of CAAHEP or ABHES accredited medical assisting program.	None	None	www.aama-ntl.org	
AMA0B001	Medical Laboratory Technician (MLT)	American Association of Bioanalysts (AAB)	The Medical Laboratory Technician (MLT) certification measures users' knowledge and skills in chemistry; hematology; immunology; immunohematology, microbiology or molecular diagnostics.	1 exam required	Individuals must complete a clinical laboratory training program approved or accredited by an organization approved by the U.S. Department of Health and Human Services (HHS) OR Earn an associate degree (or the equivalent) in a laboratory science, or medical laboratory technology, from an accredited institution	None	None	www.aab.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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AMAOB002	Medical Technologist (MT(AAB))	American Association of Bioanalysts (AAB)	The MT(AAB) Generalist Certification measures users' knowledge and skills in chemistry (clinical chemistry, endocrinology, toxicology, urinalysis, radioimmunoassay); hematology (hemostasis, coagulation, hematologic elements, cell identification and parameters, bone marrow, staining, hematologic abnormalities and disease); immunology (serology, general immunology, antibody and antigen identification and measurement); immunohematology (abo grouping and rh typing, unexpected antibody detection and identification, compatibility testing); and microbiology (bacteriology, mycology, parasitology, and virology).	1 exam required	Individuals must earn an associate degree or an associate of applied science degree, or the equivalent, from an accredited institution with a major in a laboratory science or medical technology.	None	None	www.aab.org	
AMAZN001	AWS Certified Solutions Architect - Associate	Amazon	The AWS Certified Solutions Architect - Associate certification measures users' knowledge and skills in designing and deploying scalable, highly available, and fault tolerant systems on AWS; lifting and shifting of an existing on-premises application to AWS; ingressing and egressing of data to and from AWS; selecting the appropriate AWS service based on data, compute, database, or security requirements; identifying appropriate use of AWS architectural best practices; and estimating AWS costs and identifying cost control mechanisms.	1 exam required; multiple choice and multiple answer questions; 80 minutes	Individuals must have one or more years of hands-on experience designing available, cost efficient, fault tolerant, and scalable distributed systems on AWS; In-depth knowledge of at least one high-level programming language; Ability to identify and define requirements for an AWS-based application; Experience with deploying hybrid systems with on-premises and AWS components; Capability to provide best practices for building secure and reliable applications on the AWS platform	Individuals must have one or more years of hands-on experience designing available, cost efficient, fault tolerant, and scalable distributed systems on AWS	None	https://aws.amazon.com/certification/certified-solutions-architect-associate/	
AMCMA001	Certified Composites Technician	American Composites Manufacturers Association	The Certified Composites Technician certification measures users' knowledge and skills in History of fiberglass; general composites knowledge; composites manufacturing processes; composite materials for boat building; marine gel coat application; marine laminating techniques; controlled spraying; and fluid handling equipment.	1 exam required; 100 multiple choice questions; 2 hours; minimum passing score of 80% or higher	None	None	None	www.acmanet.org	
AMDDA003	Certified Drafter - Architectural	American Design Drafting Association	The Certified Drafter - Architectural certification measures knowledge and skills in abbreviations, terms and identification; drafting processes: communication; details: notations; site drawings and topography; floor plans and layouts; exterior views: elevations; building materials; roofs and roof plans; building codes and ADA codes; general building systems; stairs and steps; electrical; HVAC; schedules; plumbing; geometry, lines and math; and foundations.	1 exam required; 120 minutes; 410 questions; passing score of 75% or greater.	None	None	One year On-the-Job Training or 400 – 600 Contact Hours of Practical Discipline Specific Education is recommended prior to taking the Apprentice Drafter "AD" certification exam.	www.adda.org	
AMDDA004	Certified Drafter - Mechanical	American Design Drafting Association	The Certified Drafter - Mechanical certification measures knowledge and skills in general terminology and identification; equipment, techniques, and drawing rules and principles; dimensioning and layouts; descriptive geometry; multi view drawing: identification and terminology; sectional views: identification and terminology; pictorials: identification and terminology; auxiliary views: identification and terminology; revolutions: usage and applications; intersections: usage and applications; geometric dimensioning & tolerancing; working drawings: identification and numbering; threads, fasteners, connections and welding; drafting math and geometry; and drawing management.	1 exam required; 180 minutes; 400 questions; passing score of 75% or greater.	None	None	Two years On-the-Job Training or 800 – 1200 Contact Hours of Practical Discipline Specific Education is recommended prior to taking the Certified Drafter "CD" certification exam.	www.adda.org	
AMEDT002	Medical Laboratory Technician	American Medical Technologists (AMT)	The Medical Laboratory Technician certification measures users' knowledge to interpret graphic illustrations, interpret information presented in case studies, analyze situations, and solve problems. The examination covers: general laboratory; chemistry; hematology; immunology/immunohematology; microbiology; and urinalysis.	1 exam required; 3 hours	Individuals must graduate from an accredited college or university with an associate's degree in medical lab technology or equivalent; OR Complete at least two years (60 semester hours) of courses in any accredited college, including 25 semester hours in clinical laboratory science disciplines AND six months of approved lab experience.	None	None	www.amt1.com	

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AMEDT004	Registered Medical Assistant (RMA)	American Medical Technologists (AMT)	The Registered Medical Assistant (RMA) certification measures knowledge and skills to direct patient care and preparation, ECG, phlebotomy, and pharmacology while maintaining patient safety and confidentiality. Medical assistants also perform administrative duties such as scheduling appointments, maintaining patient records, bookkeeping, and billing and insurance processing.	1 exam required; 210 multiple choice questions; 2 hours	Applicants must be a graduate of, or scheduled to graduate from: a medical assistant program that holds programmatic accreditation by the Accrediting Bureau of Health Education Schools (ABHES) or the Commission on Accreditation of Allied Health Education Programs (CAAHEP); a medical assistant program in a post-secondary school or college that has institutional accreditation by a Regional Accrediting Commission or by a national accrediting organization approved by the U.S. Department of Education, which program includes a minimum of 720 clock-hours (or equivalent) of training in Medical Assisting skills (including a clinical externship).	None	None	www.amt1.com	
AMEDT005	Registered Phlebotomy Technician (RPT)	American Medical Technologists (AMT)	The Registered Phlebotomy Technician (RPT) certification measures knowledge and skills in the collection of blood samples from patients by venipuncture and microtechniques. This certification assures quality and patient safety mandates, strict professional behavior and standards of practice for all Phlebotomists.	1 exam required; 200 questions	Successful completion of a phlebotomy training program which includes at least 120 hours of didactic instruction and 120 hours of clinical practicum.	Completed at least 1,040 hours of work experience as a phlebotomy technician within the past three (3) years; this is to include venipunctures, skin punctures, specimen processing, communication skills, and clerical duties.	None	www.americanmedtech.org	
AMOPT001	Certified Paraoptometric Assistant (CPOA)	American Optometric Association	The CPOA™ certification measures users' knowledge and skills in taking detailed patient histories, measuring visual acuity, measuring the curvature of the cornea (Keratometry), glaucoma screening, blood pressure testing, and measuring the distance between the pupils of the eye.	1 exam required; 200 multiple choice questions	None	None	None	www.aoa.org	
AMRRT002	Registered Technologist (Radiography)	American Registry of Radiologic Technologists	The Registered Technologist (Radiography) certification measures knowledge and skills in radiation protection; equipment operation and quality control; image acquisition and evaluation; imaging procedures; and patient care and education.	1 exam required; 200 questions; 3.5 hours	Within the past five years, individuals must have successfully completed an educational program that is accredited by a mechanism acceptable to the ARRT. All Individuals for primary pathway certification must have earned an academic degree before becoming certified. As part of their education, individuals must also demonstrate competency in didactic coursework and an ARRT-specified list of clinical procedures by completing competency requirements established for the discipline in which they are seeking certification.	None	None	www.arry.org	
AMRRT003	Radiologic Technologist (Sonography)	American Registry of Radiologic Technologists	The Radiologic Technologist (Sonography) certification measures knowledge and skills in patient care; physical principles of ultrasound; abdominal procedures; obstetrical and gynecological procedures; and superficial structures and other sonographic procedures.	1 exam required; 360 questions; 6.5 hours	Within the past five years, individuals must have successfully completed an educational program that is accredited by a mechanism acceptable to the ARRT. All Individuals for primary pathway certification must have earned an academic degree before becoming certified. As part of their education, individuals must also demonstrate competency in didactic coursework and an ARRT-specified list of clinical procedures by completing competency requirements established for the discipline in which they are seeking certification.	None	None	www.arry.org	
AMRRT005	Registered Technologist - Quality Management (R.T.)	American Registry of Radiologic Technologists	The Registered Technologist - Quality Management (R.T.) certification measures knowledge and skills in equipment quality control; quality improvement management and administration; and laws, regulations, standards and guidelines.	1 exam required; 165 questions; 3.5 hours	Within the past five years, individuals must have successfully completed an educational program that is accredited by a mechanism acceptable to the ARRT. All Individuals for primary pathway certification must have earned an academic degree before becoming certified. As part of their education, individuals must also demonstrate competency in didactic coursework and an ARRT-specified list of clinical procedures by completing competency requirements established for the discipline in which they are seeking certification.	None	None	www.arry.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
AMRRT006	Registered Technologist (Nuclear Medicine)	American Registry of Radiologic Technologists	The Registered Technologist (Nuclear Medicine) certification measures knowledge and skills in radiation protection; radionuclides and radiopharmaceuticals; instrumentation and quality control; diagnostic and therapeutic procedures; and patient care and education.	1 exam required; 200 questions; 3.5 hours	Within the past five years, individuals must have successfully completed an educational program that is accredited by a mechanism acceptable to the ARRT. All Individuals for primary pathway certification must have earned an academic degree before becoming certified. As part of their education, individuals must also demonstrate competency in didactic coursework and an ARRT-specified list of clinical procedures by completing competency requirements established for the discipline in which they are seeking certification.	None	None	www.rrt.org	
AMRRT007	Registered Technologist (Radiation Therapy)	American Registry of Radiologic Technologists	The Registered Technologist (Radiation Therapy) certification measures knowledge and skills in radiation protection and quality assurance; clinical concepts in radiation oncology; treatment planning; treatment delivery; and patient care and education.	1 exam required; 200 questions; 3.5 hours	Within the past five years, individuals must have successfully completed an educational program that is accredited by a mechanism acceptable to the ARRT. All Individuals for primary pathway certification must have earned an academic degree before becoming certified. As part of their education, individuals must also demonstrate competency in didactic coursework and an ARRT-specified list of clinical procedures by completing competency requirements established for the discipline in which they are seeking certification.	None	None	www.rrt.org	
AMRRT008	Computed Tomography (CT)	American Registry of Radiologic Technologists	The Computed Tomography (CT) certification measures knowledge and skills in CT scans, a specialized X-ray procedure sometimes referred to as a CAT scan. Working under the supervision of a radiologist, CT scan technologists prepare patients for a CT scan by positioning them on the table and following safety measures to protect them from unnecessary or excess radiation. During the scan, technologists sit in a shielded room and monitor the CT scan images on the computer screen.	1 exam required; 200 questions; 3.5 hours	Within the past five years, individuals must have successfully completed an educational program that is accredited by a mechanism acceptable to the ARRT. All Individuals for primary pathway certification must have earned an academic degree before becoming certified. As part of their education, individuals must also demonstrate competency in didactic coursework and an ARRT-specified list of clinical procedures by completing competency requirements established for the discipline in which they are seeking certification.	None	None	www.rrt.org	
AMSCP001	Histotechnologist, HTL(ASCP)	American Society of Clinical Pathology	The Histotechnologist, HTL(ASCP) certification measures users' knowledge and skills in histotechnology: fixation, processing, embedding/microtomy, staining, and laboratory operations.	1 exam; 100 multiple choice questions; 2.5 hours	None	None	None	www.ascp.org	
AMSCP002	Medical Laboratory Technician (MLT(ASCP))	American Society of Clinical Pathology	The Medical Laboratory Technician (MLT(ASCP)) certification measures users' knowledge and skills in assisting doctors and specialists in performing a wide range of tests on blood, tissue and other bodily fluids, the results of which can then be used to diagnose and treat patients.	1 exam required; 100 multiple choice questions; 2 hours and 30 minutes	There are four different routes to eligibility for this certification. All routes require an associate degree or at least 60 semester hours. Refer to the industry certification agency website for specific details.	None		https://www.ascp.org/	Yes
AMSFQ001	Manager of Quality/Organizational Excellence	American Society for Quality	The Certified Manager of Quality/Organizational Excellence certification measures users' knowledge to facilitate and lead team efforts to establish and monitor customer/supplier relations, support strategic planning and deployment initiatives, and help develop measurement systems to determine organizational improvement.	1 exam (2 parts); 150 multiple choice questions; two constructed response (essay) questions; 4 hours	None	An individual must have 10 years of on-the-job experience in one or more of the areas of the Certified Manager of Quality/ Organizational Excellence Body of Knowledge. A minimum of five years of this experience must be in a decision-making position, defined as the authority to define, execute or control projects/processes and to be responsible for the outcome. This may or may not include management or supervisory positions.	None	www.asq.org	
AMSFQ006	Quality Improvement Associate (CQIA)	American Society for Quality	The Certified Quality Improvement Associate certification measures users' knowledge of quality concepts, team basics, continuous improvement techniques, and customer-supplier relations.	1 exam required; 100 multiple choice questions; 3 hours	None	Two years of work experience or an associate degree	None	www.asq.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
AMSFQ011	Six Sigma Black Belt (CSSBB)	American Society for Quality	The Certified Six Sigma Black Belt certification measures users' knowledge and skills in Six Sigma philosophies and principles, including supporting systems and tools. A Black Belt should demonstrate team leadership, understand team dynamics and assign team member roles and responsibilities.	1 exam required; 150 multiple choice questions; 4 hours	Requires two completed projects with signed affidavits or one completed project with signed affidavit	Requires three years of work experience	None	www.asq.org	
AMSFQ012	Six Sigma Green Belt (CSSGB)	American Society for Quality	The Six Sigma Green Belt certification measures users' knowledge to operate in support of or under the supervision of a Six Sigma Black Belt, analyzes and solves quality problems and is involved in quality improvement projects.	1 exam required; 100 multiple choice questions; 4 hours	None	Requires three years of work experience	None	www.asq.org	
AMSPT002	Certified Phlebotomy Technician	American Society of Phlebotomy Technicians	The Certified Phlebotomy Technician certification measures knowledge and the skills in the collection of blood samples from patients by venipuncture and microtechniques. This certification assures quality and patient safety mandates, strict professional behavior and standards of practice for all Phlebotomists.	1 exam required	Successful completion of an accredited phlebotomy training program; must have at least 100 documented successful venipunctures and 5 documented skin punctures and a current ASPT membership.	One full year as a part-time phlebotomist, or six months as a full-time phlebotomist; or a letter from a health care supervisor attesting that part of the job is procuring blood specimens regularly.	None	www.aspt.org	
AMSTL004	Professional Designation in Supply Chain Management (PLS)	American Production and Inventory Control Society (APICS)	The Professional Designation in Logistics and Supply Chain Management (PLS) certification measures users' knowledge and skills in the understanding of the key strategies for improving customer service and increasing the efficiency of their logistics and supply chain operations.	1 exam; multiple choice questions	None	None	None	www.apics.org/	
APICS001	Certified in Logistics, Transportation, and Distribution (CLTD)	American Production and Inventory Control Society (APICS)	The Certified in Logistics, Transportation, and Distribution (CLTD) certification measures users' knowledge and skills in a broad range of supply chain logistics topics.		3 years of related business experience or Bachelor's degree or the international equivalent*, or CPIM, CLTD or CSCP, CTL, CFPIM, CIRM, SCOR-P, C.P.M., CSM or CPSM designations	None	None	www.apics.org/	Yes
APPLE002	Apple Certified Technical Coordinator	Apple, Inc.	Apple Certified Technical Coordinator (ACTC) certification verifies a foundation in Mac OS X and Mac OS X Server core functionality and an ability to configure key services and perform basic troubleshooting of the essential Mac OS X and Mac OS X Server capabilities.	2 exams required; passing score of 75% or greater	None	None	None	training.apple.com	
ARDMS001	Registered Diagnostic Cardiac Sonographer (RDCS)	American Registry for Diagnostic Medical Sonography	The RDCS certification measures users' knowledge and skills in sonography principles and instrumentation (SPI); adult echocardiography (AE); fetal echocardiography (FE); and pediatric echocardiography (PE).	2 exams required (Physics and Speciality)	None	None	None	www.ardms.org	
ARDMS002	Registered Diagnostic Medical Sonographer (RDMS)	American Registry for Diagnostic Medical Sonography	The RDMS certification measures users' knowledge and skills in using special equipment to direct nonionizing, high frequency sound waves into areas of the patient's body. This certification covers the following areas: physics examination; sonography principles and instrumentation and five specialty examinations: abdomen, breast, fetal echocardiography, neurosonology, and obstetrics and gynecology.	1 exam required	First-time applicants must select a prerequisite under which they want to apply for an ARDMS specialty examination and/or the Sonography Principles & Instrumentation (SPI) examination. Each prerequisite requires (1) the appropriate educational background, (2) necessary clinical ultrasound or vascular experience and (3) required documentation that must be submitted with the application. All three components of the prerequisite must be met before an application can be approved.	None	None	www.ardms.org	
ARDMS003	Registered Vascular Technologist	American Registry for Diagnostic Medical Sonography	The RVT certification measures users' knowledge and skills in sonography principles and instrumentation (SPI) and vascular technology (VT). The VT examination assesses the knowledge, skills and abilities in the areas of anatomy and hemodynamics (blood flow) of cerebrovascular, venous, peripheral and abdominal blood vessels.	2 exams required (Physics and Speciality)	None	None	None	www.ardms.org	
AWELD001	Certified Welder	American Welding Society	The Certified Welder certification tests procedures used in the structural steel, petroleum pipelines, sheet metal and chemical refinery welding industries.	1 exam required	An individual must deposit a sound weld that will be inspected by an AWS Certified Welding Inspector (CWI) at an AWS Accredited Test Facility (ATF).	None	None	www.aws.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
BNENT001	Certified Hemodialysis Technologist/Technician	Board of Nephrology Examiners Inc. Nursing and Technology	The Certified Hemodialysis Technologist/Technician certification measures users' knowledge and skills in patient care; machine technology; water treatment; dialyzer reprocessing; and education/personal development.	1 exam required; 150 multiple choice questions; 3 hours	A copy of the candidate's high school diploma or official transcript (with principal's signature and/or school seal), a minimum of 12 months of experience in nephrology patient care and current active participation in an ESRD facility. If the candidate has no experience as a patient care technician/technologist, the candidate may apply to take the BONENT exam within 2 years of successful completion of a BONENT Approved Program.	None	None	www.bonent.org/	
CCINT002	Registered Cardiac Sonographer (RCS)	Cardiovascular Credentialing International	The RCS certification measures users' knowledge and skills in general policies, procedures and standards; performing echocardiographic examinations; performing specialized echocardiographic techniques; and pathophysiology of cardiovascular diseases/therapeutic measures.	1 exam required; 170 multiple choice questions; 3 hours	A high school diploma or general education diploma at the time of application.	None	None	www.cci-online.org	
CCINT003	Registered Cardiovascular Invasive Specialist	Cardiovascular Credentialing International	The RCIS certification measures users' knowledge and skills in conducting pre-procedural activities; conducting intra-procedural activities; performing invasive procedures; and conducting post-procedural activities.	1 exam required; 170 multiple choice questions; 3 hours	A high school diploma or general education diploma at the time of application.	None	None	www.cci-online.org	
CCINT004	Registered Vascular Specialist	Cardiovascular Credentialing International	The RVS certification measures users' knowledge and skills in maintaining information, facility, and safety; applying physical principles; performing abdominal/visceral examinations; performing extracranial/intracranial examinations; performing peripheral arterial examinations; performing peripheral venous examinations; and performing special procedures.	1 exam required; 170 multiple choice questions; 3 hours	A high school diploma or general education diploma at the time of application.	None	None	www.cci-online.org	
CDREG001	Dietetic Technician, Registered (DTR)	Commission on Dietetic Registration	The DTR certification measures users' knowledge and skills for the delivery of safe, culturally competent, quality food and nutrition services. DTRs are an integral part of healthcare and food service management teams.	1 exam required; 110-130 multiple choice questions	Completed a minimum of an Associate degree granted by a U.S. regionally accredited college or university, or foreign equivalent; a minimum of 450 supervised practice hours through a Dietetic Technician Program as accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics; successfully completed the Registration Examination for Dietetic Technicians; and •remitted the annual registration maintenance fee; and complied with the Professional Development Portfolio (PDP) recertification.	None	None	www.cdrnet.org/	
CDREG002	Registered Dietitian	Commission on Dietetic Registration	The Registered Dietitian certification measures users' knowledge and skills in the use of food and nutrition to promote health and manage disease including advising people on what to eat in order to lead a healthy lifestyle or achieve a specific health-related goal. Dietitians work in many settings, including hospitals, nursing homes, clinics, and cafeterias; or for state and local governments.	1 exam required; 100-145 multiple choice questions; 2.5 hours	Completed the minimum of a Baccalaureate degree granted by a U.S. regionally accredited college or university, or foreign equivalent; met current minimum academic requirements (Didactic Program in Dietetics) as approved by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics; completed a supervised practice program accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics; successfully completed the Registration Examination for Dietitians; remitted the annual registration fee; and complied with the Professional Development Portfolio (PDP) recertification requirements.	None	None	www.cdrnet.org/	
CISCO001	Cisco Certified Design Associate (CCDA)	Cisco Systems, Inc.	The Cisco Certified Design Associate (CCDA) certification measures users' knowledge required to design routed and switched network infrastructures and services involving LAN, WAN, and broadband access for business organizations.	1 exam (640-863 DESGN) required; 65 questions; 90 minutes	None	None	None	www.cisco.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
CISCO002	Cisco Certified Design Professional (CCDP)	Cisco Systems, Inc.	The CCDP certification measures users' knowledge of intelligent network design concepts and principles. A CCDP credentialed network professional can discuss, design, and create advanced addressing and routing, security, network management, data center, and IP multicast complex multi-layered enterprise architectures that include virtual private networking and wireless domains.	3 required exams (642-901 BSCI and 642-812 BCMSN; and 642-873 ARCH or 642-871 ARCH)	None	None	None	www.cisco.com	
CISCO004	Cisco Certified Network Associate (CCNA)	Cisco Systems, Inc.	The Cisco Certified Network Associate (CCNA) Routing and Switching validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks, including implementation and verification of connections to remote sites.	1 exam required; 90 minutes	None	None	None	www.cisco.com	
CISCO005	Cisco Certified Network Professional (CCNP)	Cisco Systems, Inc.	The Cisco Certified Network Professional (CCNP) Routing and Switching certification validates the ability to plan, implement, verify and troubleshoot local and wide-area enterprise networks and work collaboratively with specialists on advanced security, voice, wireless and video solutions.	4 exams required (642-901 BSCI, 642-812 BCMSN, 642-825 ISCW, 642-845 ONT)	None	None	None	www.cisco.com	
CISCO009	Cisco Certified Architect	Cisco Systems, Inc.	The Cisco Certified Architect certification measures users' knowledge and skills in architectural expertise of network designers who can gather business requirements and objectives necessary to produce a blueprint for an integrate, large-scale, complex, global network.	1 exam required	None	None	None	www.cisco.com	
CISCO010	Cisco Certified Design Expert (CCDE)	Cisco Systems, Inc.	The CCDE certification measures users' knowledge and skills in advanced network infrastructure design principles and fundamentals for large networks. It also allows a network professional to demonstrate an ability to develop solutions which address planning, design, integration, optimization, operations, security and ongoing support focused at the infrastructure level for customer networks.	2 exams (1 written and 1 CCDE practical) required; 2 hours (written)	None	None	None	www.cisco.com	
CISCO011	Cisco Certified Network Associate Security (CCNA Security)	Cisco Systems, Inc.	The Cisco Certified Network Associate Security (CCNA Security) validates associate-level knowledge and skills required to secure Cisco networks. With a CCNA Security certification, a network professional demonstrates the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats.	1 exam required (640-553); 90 minutes; 60-70 questions	None	None	None	www.cisco.com	
CISCO013	Cisco Certified Network Associate Wireless (CCNA Wireless)	Cisco Systems, Inc.	The CCNA Wireless Certification validates skills in the configuration, implementation and support of wireless LANs, specifically those networks using Cisco equipment.	1 exam required (640-721); 90 minutes; 75-85 questions	None	None	None	www.cisco.com	
CISCO017	Cisco Certified Network Professional Wireless (CCNP Wireless)	Cisco Systems, Inc.	CCNP Wireless certification measures knowledge and skills in designing, implementing, and securing Cisco Wireless networks for optimal performance. CCNP Wireless certification emphasizes wireless networking principles and theory.	4 exams required (642-731; 642-741; 642-746; 642-736).	None	None	None	www.cisco.com	
CISCO018	Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing & Switching)	Cisco Systems, Inc.	Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing and Switching) measures the skills required of expert-level network engineers to plan, operate and troubleshoot complex, converged network infrastructure.	1 exam required; 2 hours; 90-110 questions	None	None	None	www.cisco.com	
CISCO019	Cisco Certified Internetwork Expert Security (CCIE Security)	Cisco Systems, Inc.	The CCIE Security certification measures users' knowledge and skills in security protocols and components, as well as IP and IP routing.	1 (CCIE Security) exam required; 100 questions; 2 hours	Individuals for CCIE Security certification must first pass a written qualification exam and then the corresponding hands-on lab exam.	None	None	www.cisco.com	
CISCO024	Cisco Certified Network Associate Routing and Switching (CCNA Routing and Switching)	Cisco Systems, Inc.	The CCNA Routing and Switching Certification measures users' knowledge and skills in installing, monitoring, and troubleshooting network infrastructure products in IP networking.	1 (200-120 CCNA) exam required	None	None	None	www.cisco.com	
CISCO025	Cisco Certified Network Associate Cyber Ops (CCNA Cyber Ops)	Cisco Systems, Inc.	The Cisco Certified Network Associate Cyber Ops (CCNA Cyber Ops) certification prepares candidates to begin a career working with associate-level cybersecurity analysts within security operations centers.	2 exams required (Exam 210-250 Understanding Cisco Cybersecurity Fundamentals (SECFND) and Exam 210-255 Implementing Cisco Cybersecurity Operations (SECOPS);	None	None	None	www.cisco.com	Yes

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
CITRX004	Citrix Certified Administrator (CCA)- XenApp	Citrix Systems Incorporated	The Citrix Certified Administrator (CCA)- XenApp certification measures users' knowledge and skills in Understanding the Citrix Architecture; Licensing and Installing XenApp; Configuring XenApp Sessions; Configuring XenApp Policies; Publishing Applications and Content; Additional Management; Managing Performance and Load Configuring Printing; Enabling and Securing Web Access to Published Applications and Content; and Troubleshooting.	1 exam required; 68 questions; 90 minutes; score of 61% or higher	None	None	None	www.citrixtraining.com	
CNCISI001	Mastercam Certified Programmer Mill Level 1 (CPgM1)	CNC Software Inc.	The Mastercam Certified Programmer Mill Level 1 (CPgM1) is a set of practical tests that demonstrate a programmer's ability to work effectively with CAM software, overcome common issues facing today's shops, and produce high quality finished parts. Geared to 2D machining, it assesses the user's CNC (Computer Numerical Control) knowledge.	1 exam required; 120 multiple choice questions; passing score of 70% or greater	None	None	None	www.mastercam.com	
CNCISI002	Mastercam Associate Certification - Mill Design and Toolpaths	CNC Software Inc.	The Mastercam Associate Certification - Mill Design and Toolpaths certification measures knowledge and skills in geometry; 2D high speed toolpaths (HST) and feature based machining (FBM); solids; toolpath; and operations manager.	1 comprehensive online exam required after every module, one final comprehensive online exam required; passing score of 80% or greater	None	None	None	www.mastercam.com	
COMPT001	CompTIA A+	Computing Technology Industry Association (CompTIA)	The CompTIA A+ certification measures knowledge and skills in troubleshooting, networking and security in varied IT environments, from mobile to traditional devices and operating systems.	2 exams required; 100 questions (each exam); time limit of 90 minutes (each exam)	None	None	None	www.comptia.org	
COMPT002	CompTIA CDIA+	Computing Technology Industry Association (CompTIA)	The CompTIA Certified Document Imaging Architect+ (CDIA+) certification measures knowledge and skills in document imaging and document management.	1 exam required; 85 questions; 90 minutes	None	None	None	www.comptia.org	
COMPT005	CompTIA Linux+	Computing Technology Industry Association (CompTIA)	The CompTIA Linux+ certification measures knowledge and skills in fundamental open source resources/licenses, user administration, file permissions/software configurations and local storage devices and network protocols.	1 exam required; 90 minutes; 98 questions; minimum passing score of 675 on a scale of 100-900	None	Individuals with a minimum of six to 12 months of practical Linux experience are eligible to take the CompTIA Linux+ certification.	None	www.comptia.org	
COMPT006	CompTIA Network+	Computing Technology Industry Association (CompTIA)	The CompTIA Network+ certification measures knowledge and skills in networking components and the ability to install, configure and troubleshoot basic networking hardware, protocols and services.	1 exam required; 90 minutes; 85 questions; minimum passing score of 720 on a scale of 100-900	None	None	Nine months networking experience recommended, but not required.	www.comptia.org	
COMPT007	CompTIA Project+	Computing Technology Industry Association (CompTIA)	CompTIA Project+ certifies the knowledge and skills of professionals in project management. Project+ validates the ability to initiate, manage and support a project or business initiative. Project+ is designed for any individual who wants to validate project management experience.	1 exam required; 90 minutes; 100 questions; minimum passing score of 710 on a scale of 100-900	None	None	None	www.comptia.org	
COMPT008	CompTIA Security+	Computing Technology Industry Association (CompTIA)	The CompTIA Security+ certification demonstrates proof of knowledge and expertise in security topics, such as communication security, infrastructure security, cryptography, access control, authentication, external attack and operational and organization security.	1 exam required; 90 minutes; 100 questions; minimum passing score of 750 on a scale of 100-900	None	None	None	www.comptia.org	
COMPT009	CompTIA Server+	Computing Technology Industry Association (CompTIA)	The CompTIA Server+ certification measures knowledge and skills in virtualization, data centers, software-defined networking, security risks and network attached storage improvements.	1 exam required; 80 questions; 90 minutes	None	None	None	www.comptia.org	
COMPT014	CompTIA Cloud+	Computing Technology Industry Association (CompTIA)	The CompTIA Cloud+ certification measures users' knowledge and skills needed to implement and maintain cloud technologies as project managers for cloud computing services, cloud engineers, data center managers, and business analysts specializing in cloud computing.	1 exam required (CV0-001); 120 multiple choice questions; 2 hours; minimum passing score of 750 on a scale of 100-900	None	None	None	www.comptia.org	
COMPT016	Cybersecurity Analyst (CySA+)	Computing Technology Industry Association (CompTIA)	The CompTIA Cybersecurity Analyst (CySA+) certification measures users knowledge and skills required to configure and use threat detection tools, perform data analysis and interpret the results to identify vulnerabilities, threats and risks to an organization, with the end goal of securing and protecting applications and systems within an organization.	1 exam required (CS0-001); maximum of 85 multiple choice questions; 165 minutes; passing score of 750 required (on a scale of 100-900).	None	A minimum of 3-4 years of hands-on information security or related experience is recommended.	None	www.comptia.org	Yes

2017-2018 CAPE Postsecondary Industry Certification Funding List

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COMPT017	CompTIA Advanced Security Practitioner (CASP)	Computing Technology Industry Association (CompTIA)	The CompTIA Advanced Security Practitioner (CASP) certification measures users' technical knowledge and skills required to conceptualize, engineer, integrate and implement secure solutions across complex environments to support a resilient enterprise.	1 exam required (CAS-002 retires 10/2/2018; CAS-003); maximum of 90 multiple choice & performance-based questions; 165 minutes; Pass/Fail only (no scaled score).	None	A minimum of ten years of experience in IT administration, including at least five years of hands-on technical security experience is recommended.	None	www.comptia.org	Yes
CPREC001	Child Development Associate (CDA)	Council for Professional Recognition	The Child Development Associate (CDA) certification measures the knowledge and skills required to meet the specific needs of children and work with parents and other adults to nurture children's physical, social, emotional, and intellectual growth in a child development framework.	1 exam required; 2 hours; multiple choice exam.	None	None	None	www.cdacouncil.org/	
CPSTL001	Check Point Certified Security Administrator (CCSA)	Check Point Software Technologies Ltd.	The Check Point Certified Security Administrator (CCSA) certification measures knowledge and skills to install the security gateway in a distributed environment; configure rules on web and gateway servers; create a basic rule base in smartdashboard and assign permissions; schedule backups and seamless upgrades with minimal downtime; and monitor and troubleshoot IPs and common network traffic.	1 exam required (Exam #156-215.77 or #156-215.80)	None	None	6 months to 1 year of experience with Check Point products recommended	https://www.checkpoint.com	
CPSTL002	Check Point Certified Security Expert (CCSE)	Check Point Software Technologies Ltd.	The Check Point Certified Security Expert (CCSE) certification measures knowledge and skills to backup a security gateway and management server; build, test and troubleshoot a clustered security gateway; upgrade and troubleshoot a management server; configure and maintain security acceleration solutions; and manage, test and optimize corporate VPN tunnels.	1 exam required (Exam #156-215.77 or #156-215.80)	None	None	6 months to 1 year of experience with Check Point products recommended	https://www.checkpoint.com	
CSCMP001	SCPro Fundamentals Bundle (8 exams)	Council of Supply Chain Management Professionals	SCPro Fundamentals Bundle certification measures users' knowledge and skills needed to assess and train supply chain team members in the eight training certification tracks: Supply Chain Management Principles, Customer Service Operations, Transportation Operations, Warehousing Operations, Demand Planning, Inventory Management, Manufacturing & Service Operations, and Supply Management & Procurement.	8 exams required; 60 questions per exam; 90 minutes per exam	None	None	None	www.cscmp.org	Yes
CWNPT001	Certified Wireless Network Administrator (CWNA)	CWNP	The CWNA is the foundation-level wireless LAN (Local Area Network) certification measures users' knowledge and skills in a broad range of wireless LAN topics focused on 802.11 wireless technology rather than vendor-specific products.	1 exam (PW0-100) required; 60 multiple choice questions; passing score of at least 70 percent	None	None	None	www.cwnp.com	
DANBD001	Certified Dental Assistant (CDA)	Dental Assisting National Board	The CDA certification measures users' knowledge and skills in general chairside (GC) assisting; radiation health and safety (RHS); and infection control (ICE).	1 exam required; 320 questions; 4 hours	A minimum of 3500 hours of work as a dental assistant over a period of 2-4 years or be a current or former DANB CDA, a CODA DDS or DMD program.	None	None	www.dentalassisting.com	
EMCSQ001	Information Storage and Management (EMCISA) Associate	EMC	The Information Storage and Management (EMCISA) Associate certification measures users' knowledge and skills in storing, managing, and protecting digital information in classic, virtualized, and cloud environments.	1 exam (E05-011 or E10-001) required	None	None	None	https://education.emc.com/default_quest.aspx	
ENTCP001	ETCP Certified Entertainment Electrician	Entertainment Technician Certification Program (ETCP)	The ETCP Certified Entertainment Electrician certification measures users' knowledge and skills in electrician duties of the entertainment industry including, but not limited to: theatres, film/ TV studios and on location, arenas/stadiums/sporting events, carnivals/fairs/festivals, circuses, cruise ships, industrial/corporate events, religious events/houses of worship, theme parks, touring concerts/theatre, and other places of public assembly throughout the United States and Canada.	1 exam, 150 questions	ETCP uses a point system to determine eligibility to sit for examinations. An individual must have 30 points to apply for the ETCP Entertainment Electrician Examination	None	None	etcp.plasa.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
ENTCP002	ETCP Certified Rigger – Arena	Entertainment Technician Certification Program (ETCP)	The ETCP Certified Rigger – Arena certification measures users' knowledge and skills in rigging that employs chain hoists and truss systems to temporarily suspend objects from overhead structures in any environment. ETCP recognizes that these methods and hardware are used throughout the entertainment industry in arenas, convention and trade show spaces and in theatrical venues. However, the principles, practices, and components are consistent and similar in all applications and are different from those used in traditional theatrical spaces.	1 exam, 150 questions	ETCP uses a point system to determine eligibility for examinations. An individual must have 30 points to apply for either or both of the Entertainment Technician Certification Program rigging examinations.	None	None	etcp.plasa.org	
ENTCP003	ETCP Certified Rigger – Theatre	Entertainment Technician Certification Program (ETCP)	The ETCP Certified Rigger – Theatre certification measures users' knowledge and skills in rigging that employs the use of counterweighted systems, mechanical systems and hydraulic systems, usually, but not always, permanently installed in facilities for the use of theatre technicians in the execution of their rigging responsibilities.	1 exam, 150 questions	ETCP uses a point system to determine eligibility for examinations. An individual must have 30 points to apply for either or both of the Entertainment Technician Certification Program rigging examinations.	None	None	etcp.plasa.org	
ETAIN002	Fiber Optics Installer (FOI)	Electronics Technician Association International	The Fiber Optic Installer (FOI) certification measures users' knowledge and skills in optical fiber installation, connectorization, splicing, and testing, optical fiber, connector, and splice performance characteristics.	2 exams required (1 hands-on exam and 1 written exam (FOI113); 75 multiple choice questions; 2 hours; minimum passing score of 75% or higher	None	None	None	www.eta-i.org	
ETAIN008	Associate Certified Electronics Technician (CETA)	Electronics Technician Association International	The Associate Certified Electronics Technician (CETA) certification measures users' knowledge and skills in the four basic electronics modules: DC, AC, Analog, and Digital including electrical theory, electronic components, soldering and de-soldering tools, block diagrams/schematics /wiring diagrams, cabling, power supplies, test equipment and measurements, safety precautions, mathematics and formulas, radio communications technology, electronic circuits: series and parallel, amplifiers, interfacing of electronics products, digital concepts and circuitry, computer electronics, computer applications, audio and video systems, optical electronics, telecommunications basics, and technician work procedures.	1 single comprehensive exam required or 5 individual module exams (DC, AC, Analog, Digital and Comprehensive) required; Comprehensive (100 multiple choice questions; 2 hours); 5 Individual module exams (all five exams must be completed within a two-year period); Module exams (75 multiple choice questions; 2 hours; passing score of 75% or higher)	None	None	None	www.eta-i.org	
ETAIN009	Data Cabling Installer Certification (DCIC)	Electronics Technician Association International	The Data Cabling Installer (DCIC) certification measures users' knowledge and skills in copper cabling installation and service, which are then applicable to all the functions required to safely and competently install communications cabling.	2 exams required (1 hands-on and 1 written (DCI113); 75 questions; 2 hours	None	None	None	www.eta-i.org	
ETAIN010	Fiber Optics Technician (FOT)	Electronics Technician Association International	The Fiber Optic Technician (FOT) certification measures users' knowledge and skills of inside plant optical fiber, connector, and splice performance characteristics and use of these performance characteristics to create a worst case power budget for a fiber optic cable plant. An FOT can proficiently perform optical loss testing and perform connector endface evaluation.	2 exams required (1 hands-on exam and 1 written exam (FOT113); 75 multiple choice questions; 2 hours; minimum passing score of 75% or higher	None	None	None	www.eta-i.org	
ETAIN011	Fiber Optics Technician-Outside Plant (FOT-OSP)	Electronics Technician Association International	The Fiber Optic Technician – Outside Plant (OSP) certification measures users' knowledge to properly terminate, test and troubleshoot singlemode fiber optic communication systems. This includes various types of termination techniques applicable to high speed laser based systems. Disciplines include mechanical and fusion splicing and the preparation of fiber optical cables and cable management products.	2 exams required (1 hands-on exam and 1 written exam (FOT-OSP113); 75 multiple choice questions; 2 hours; minimum passing score of 75% or higher	None	None	None	www.eta-i.org	
ETAIN012	Photonics Technician - Operator (PTO)	Electronics Technician Association International	The Photonics Technician - Operators (PTO) certification measures users' knowledge and skills in assembling, measuring, testing, and repairing optical components such as lenses, mirrors, filters, fiber optics and electro-optic or other photonics devices plus optical sources such as lasers and light-emitting diodes (LEDs).	5 exams required (1 hands-on exam and 4 written exams: Applied Mathematics exam (63 multiple choice questions); Principles of Optics exam (102 multiple choice questions); PTO Laser Basic exam (30 multiple choice questions); Safety exam (38 multiple choice questions); a minimum score of 75% or higher required on all written exams	None	None	None	www.eta-i.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
ETAIN013	Photonics Technician Specialist (PTS)	Electronics Technician Association International	The Photonics Technician Specialists (PTS) certification measures users' knowledge and skills to assemble, measure, test, and repair optical components such as lenses, mirrors, filters, fiber optics and electro-optic or other photonics devices plus optical sources such as lasers and light-emitting diodes (LEDs). They typically work in applications such as research and development laboratories; product development, test, and production specialists who are team members for original equipment manufacturers (OEMs) of lasers, optics, and photonics components and systems; field service specialists for OEMs or companies that manufacture and/or utilize lasers, optics, and photonics components and systems.	5 exams required (1 hands-on exam and 4 written exams: Applied Mathematics exam (63 multiple choice questions); Principles of Optics exam (102 multiple choice questions); PTO Laser Basic exam (30 multiple choice questions); Safety exam (38 multiple choice questions); 2 hours per exam; a minimum score of 75% or higher required on all written exams	None	None	None	www.eta-i.org	
ETAIN014	Photovoltaic Installer (PVI) - Level 1	Electronics Technician Association International	The Photovoltaic Installer (PVI) - Level 1 certification measures users' knowledge and skills in topics such as solar resources and principles; selection identification; proper installation sequence, performance characteristics and troubleshooting methods; permitting best safety practices; and potential economic impact of renewable energy.	2 exams (1 hands-on assessment and 1 written assessment); 75 multiple choice questions; 2 hours; minimum score of 75% or higher	Individuals must attend an ETAI approved school or have a minimum of 12 months of OJT training with an ETAI approved employer	None	None	www.eta-i.org	
ETAIN019	Small Wind Installer (SWI) - Level 1	Electronics Technician Association International	The Small Wind Installer (SWI) – Level 1 certification measures users' knowledge and skills in wind power energy generation under 100 kW, including topics such as theory of wind energy and electrical generation; site evaluation; design and selection of wind systems; proper installation, components and trouble-shooting methods; safety; finance; and environmental assessment and management.	2 exams (1 hands-on assessment and 1 written assessment); 86 multiple choice questions; 2 hours; minimum score of 75% or higher	Individuals must attend an ETAI approved school or have a minimum of 12 months of OJT training with an ETAI approved employer	None	None	www.eta-i.org	
ETAIN022	Specialist in Precision Optics (SPO)	Electronics Technician Association International	The Specialist in Precision Optics (SPO) certification measures users' knowledge to produce, test, and handle optical (infrared, visible, and ultraviolet) components that are used in lasers and sophisticated electro-optical systems for defense, homeland security, aerospace, biomedical equipment, digital displays, renewable energy production, and nanotechnology. SPOs also integrate precision optical components into these electro-optical systems and maintain them, including handling, storage and transport.	4 exams required (1 hands-on exam and 3 written exams: Applied Mathematics exam (80 multiple choice questions); Principles of Optics exam (107 multiple choice questions); Safety exam (38 multiple choice questions); a minimum score of 75% or higher required on all written exams	Individuals must possess the Technician in Precision Optics (TPO) certification, have completed training at an ETA approved training facility	None	None	www.eta-i.org	
ETAIN023	Technician in Precision Optics (TPO)	Electronics Technician Association International	The Technician in Precision Optics (TPO) certification measures users' knowledge and skills in optical component fabrication technical areas in optical shops, optics manufacturers and in quality control departments (incoming and/or outgoing inspection) for organizations that incorporate precision optics into various systems.	3 exams required (1 hands-on exam and 2 written exams: Applied Mathematics exam (60 multiple choice questions); Safety exam (38 multiple choice questions); 2 hours per exam; a minimum score of 75% or higher required on all written exams	Individuals must have completed training at an ETA approved training facility	None	None	www.eta-i.org	
FDMQA002	Certified Nursing Assistant (CNA)	Florida Department of Health	The Certified Nursing Assistant (CNA) certification is a state required licensure and documents the individual's knowledge of core skills required of nursing assistants.	1 exam required; 2 parts (1 written and 1 performance (skill) section); 2 hour written; 50 multiple choice questions; 5 randomly selected nursing assistant skills	A high school diploma or its equivalent, or be 18 years of age, is required if the applicant is taking the exam without completion of an approved training program. Applicants must pass a level 2 background screen prior to taking the exam.	None	A state-approved training program is not required prior to examination; however, it is strongly recommended.	floridasnursing.gov/	
FDMQA010	Licensed Dental Hygienist	Florida Department of Health	The Licensed Dental Hygienist license allows the individual to perform service for the public as a dental hygienist pursuant to requirements established in section 466.007, Florida Statutes.	3 exams required (Dental Hygiene National Board Examination, ADEX Dental Hygiene Licensing Examination, and Florida Laws and Rules Examination)	Must be at least 18 years of age; graduated from 1) a dental hygiene college or school; OR 2) a graduate of an unaccredited dental college or school and have completed a minimum of 4 years of postsecondary dental education and received a dental school diploma which is comparable to a D.D.S. or D.M.D.; and successful completion of the following examinations: Dental Hygiene National Board Examination, ADEX Dental Hygiene Licensing Examination, and Florida Laws and Rules Examination.	None	None	www.doh.state.fl.us/mqa/	
FDMQA014	Paramedic (EMT-P)	Florida Department of Health	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 services and transporting patients to medical facilities.	2 exams required (EMT exam and NREMT certification exam)	None	None	None	www.doh.state.fl.us/mqa/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
FDMQA018	Licensed Physical Therapist Assistant	Florida Department of Health	The Licensed Physical Therapist Assistant license measures users' knowledge to provide physical therapy services including examining the patient and developing a plan of care that promotes the ability to move, reduces pain, restores function, and prevents disability.	1 exam required	Applicants must have graduated from a school giving a course of not less than two years for physical therapist assistants, which has been approved for the educational preparation of physical therapist assistants by the appropriate accrediting agency.	None	None	www.doh.state.fl.us/mqa/	
FDMQA025	Licensed Optician	Florida Department of Health	The Licensed Optician license measures users' knowledge to help fit eyeglasses and contact lenses, following prescriptions from ophthalmologists and optometrists. They also help customers decide which eyeglass frames or contact lenses to buy.	1 exam required	Applicant is not less than 18 years of age; is a graduate of an accredited high school or possesses a certificate of equivalency of a high school education; successfully passed the National Opticianry Competency Examination within three years of application or has current ABO certification; successfully passed the Contact Lens Registry Examination within three years of application or has current NCLE certification; and has received an associate degree, or equivalent, in opticianry from an accredited school; or is licensed to practice opticianry in another state and has actively practiced in such state for more than 3 of the last 5 years.	None	None	www.doh.state.fl.us/mqa/	
FDMQA030	911 Public Safety Telecommunicator	Florida Department of Health	The 911 Public Safety Telecommunicator certification is a state licensure that documents the knowledge and skills for employment as a dispatcher for police, fire, and ambulance.	1 exam required	An individual must complete an approved PST training program as defined in §401.465(1)(c), Florida Statutes.	None	None	www.doh.state.fl.us/mqa/	
FEDAA001	FAA Air Traffic Control Specialist	Federal Aviation Administration	The FAA Air Traffic Control Specialist certification measures knowledge and skills to coordinate the movement of air traffic to ensure that aircraft stay safe distances apart. Air traffic controllers work in control towers, approach control facilities, or route centers.	1 exam required	To be eligible for a mechanic certificate a candidate must be: at least 18 years of age and under 31 years of age; able to read, write, and speak English	3 years work experience or combination of postsecondary education and work experience		www.faa.gov/licenses_certificates/	
FEDAA002	FAA Aviation Maintenance Technician - General	Federal Aviation Administration	The FAA Aviation Maintenance Technician - General certification measures knowledge and skills in maintenance supervision, preventive maintenance or alteration of an aircraft but excluding major repairs to and alterations of propellers and/or instruments.	1 exam required; passing score of 70% or greater	To be eligible for a mechanic certificate a candidate must be: at least 18 years of age; able to read, write, and speak English	18 months practical experience with either airframes or power plants, or 30 months of practical experience working on both at the same time or have graduated from an FAA-Approved Aviation Maintenance Technical School	None	www.faa.gov/licenses_certificates/	
FEDAA004	FAA Aviation Mechanic Technician - Airframe	Federal Aviation Administration	The FAA Aviation Mechanic Technician - Airframe certification measures knowledge and skills to work on any part of the aircraft except the instruments, power plants, and propellers.	3 exams required (Oral, Practical, Written)	An individual can get the experience to become a certified power plant or airframe mechanic in one of three ways: attend one of the 170 Federal Aviation Regulations (FAR) part 147 Aviation Maintenance Technician Schools nationwide (12 months and 24 months); work an FAA Repair Station or FBO under the supervision of a certified mechanic for 18 months for each certificate, or 30 months for both; or join one of the armed services and get training and experience in aircraft maintenance.	None	None	www.faa.gov/licenses_certificates/	
FEDAA005	FAA Certified Flight Instructor License	Federal Aviation Administration	The FAA Certified Flight Instructor License measures knowledge and skills to demonstrate basic principles of flight, aerial navigation, weather factors and flying regulations both on the ground and in the air. They demonstrate operation of aircraft and equipment in dual-controlled planes.	2 exams required (written and practical)	A certificate of graduation from a pilot training course conducted by an FAA-approved pilot school, or a statement of accomplishment from the school certifying the satisfactory completion of the ground-school portion of such a course; A written statement from an FAA-certified ground or flight instructor, certifying that the candidate has satisfactorily completed the required ground instruction; Hold a commercial pilots license.	15 hours as pilot in command	Logbook entries by an FAA- certified ground or flight instructor, certifying satisfactory completion of the required ground instruction; A certificate of graduation or statement of accomplishment from a ground school course conducted by an agency such as a high school, college, adult education program, the Civil Air Patrol, or an ROTC Flight Training Program; or A certificate of graduation from a home-study course developed by the aeronautical enterprise providing the study material.	www.faa.gov/licenses_certificates/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
FEDAA006	FAA Commercial Pilot	Federal Aviation Administration	The FAA Commercial Pilot certification measures knowledge and skills to fly and navigate airplanes, helicopters, and other aircraft. Airline pilots fly for airlines that transport people and cargo on a fixed schedule. Commercial pilots fly aircraft for other purposes, such as charter flights, rescue operations, firefighting, aerial photography, and aerial application, also known as crop dusting.	2 exams required (written and practical)	A certificate of graduation from a pilot training course conducted by an FAA-approved pilot school, or a statement of accomplishment from the school certifying the satisfactory completion of the ground-school portion of such a course; A written statement from an FAA-certified ground or flight instructor, certifying that the candidate has satisfactorily completed the required ground instruction; Hold a private pilots license.	None	Logbook entries by an FAA- certified ground or flight instructor, certifying satisfactory completion of the required ground instruction; A certificate of graduation or statement of accomplishment from a ground school course conducted by an agency such as a high school, college, adult education program, the Civil Air Patrol, or an ROTC Flight Training Program; or A certificate of graduation from a home-study course developed by the aeronautical enterprise providing the study material.	www.faa.gov/licenses_certificates/	
FEDAA010	FAA Aviation Maintenance Technician - Powerplant	Federal Aviation Administration	The FAA Aviation Maintenance Technician - Powerplant certification measures knowledge and skills to work on engines and do limited work on propellers.	2 written exams required (oral & practical tests are also required); 8 hours	An individual can get the experience to become a certified power plant or airframe mechanic in one of three ways: attend one of the 170 FAR part 147 Aviation Maintenance Technician Schools nationwide (12 months and 24 months); work an FAA Repair Station or FBO under the supervision of a certified mechanic for 18 months for each certificate, or 30 months for both; or join one of the armed services and get training and experience in aircraft maintenance.	None	None	www.faa.gov/licenses_certificates/	
FEDAA011	FAA Private Pilot	Federal Aviation Administration	The FAA Private Pilot license is a license that permits the holder to act as the pilot-in-command of an aircraft privately.	1 exam required	A certificate of graduation from a pilot training course conducted by an FAA-approved pilot school, or a statement of accomplishment from the school certifying the satisfactory completion of the ground-school portion of such a course; A written statement from an FAA-certified ground or flight instructor, certifying that the candidate has satisfactorily completed the required ground instruction;	None	Logbook entries by an FAA- certified ground or flight instructor, certifying satisfactory completion of the required ground instruction; A certificate of graduation or statement of accomplishment from a ground school course conducted by an agency such as a high school, college, adult education program, the Civil Air Patrol, or an ROTC Flight Training Program; or A certificate of graduation from a home-study course developed by the aeronautical enterprise providing the study material.	www.faa.gov/licenses_certificates/	
FLDEP001	Wastewater Treatment Plant Operator Level A	Florida Department of Environmental Protection	The Wastewater Treatment Plant Operator Level A certification measures knowledge and skills necessary for employment in a wastewater treatment facility: perform administrative duties, facility management, secondary processes, process control, and regulations.	1 exam required (per level), 100 multiple choice questions, 3 hours, passing score of 70% or greater required	Must have a high school diploma or its equivalent and have successfully completed an approved required training course for the classification and level of the examination to be taken no more than 5 years before the examination.	None	None	www.dep.state.fl.us/water/wff/ocp/	
FLDEP002	Wastewater Treatment Plant Operator Level B	Florida Department of Environmental Protection	The Wastewater Treatment Plant Operator Level B certification measures knowledge and skills necessary for employment in a wastewater treatment facility: disinfection, effluent disposal, laboratory sampling, analysis & interpretation, preliminary treatment solids handling, nutrient removal, regulations, perform safety and security procedures, secondary processes, and taste and odor control.	1 exam required (per level), 100 multiple choice questions, 3 hours, passing score of 70% or greater required	Must have a high school diploma or its equivalent and have successfully completed an approved required training course for the classification and level of the examination to be taken no more than 5 years before the examination.	None	None	www.dep.state.fl.us/water/wff/ocp/	
FLDEP003	Wastewater Treatment Plant Operator Level C	Florida Department of Environmental Protection	The Wastewater Treatment Plant Operator Level C certification measures knowledge and skills necessary for employment in a wastewater treatment facility: disinfection, facilities & collection systems, laboratory sampling, analysis & interpretation, maintenance, perform safety and security procedures, primary treatment, records & reporting, regulations, secondary processes, and solids handling.	1 exam required (per level), 100 multiple choice questions, 3 hours, passing score of 70% or greater required	Must have a high school diploma or its equivalent and have successfully completed an approved required training course for the classification and level of the examination to be taken no more than 5 years before the examination.	None	None	www.dep.state.fl.us/water/wff/ocp/	
FLDEP004	Water Treatment Plant Operator Level A	Florida Department of Environmental Protection	The Water Treatment Plant Operator Level A certification measures knowledge and skills required for employment in a water treatment plant: chemical treatment/addition, clarification/sedimentation, coagulation/flocculation, facility management filtration, laboratory sampling, analysis & interpretation, process control, perform safety & security procedures, residuals disposal, and regulations.	1 exam required (per level), 100 multiple choice questions, 3 hours, passing score of 70% or greater required	Must have a high school diploma or its equivalent and have successfully completed an approved required training course for the classification and level of the examination to be taken no more than 5 years before the examination.	None	None	www.dep.state.fl.us/water/wff/ocp/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
FLDEP005	Water Treatment Plant Operator Level B	Florida Department of Environmental Protection	The Water Treatment Plant Operator Level B certification measures knowledge and skills required for employment in a water treatment plant: characteristics of source water, chemical treatment/addition, coagulation and flocculation, corrosion control, clarification/sedimentation, disinfection & disinfectant byproducts, distribution facility operation & maintenance, filtration, fluoridation, iron and manganese control, laboratory sampling, analysis & interpretation, maintain equipment, operate equipment, regulations, reservoir and well field management, softening, and taste and odor control.	1 exam required (per level), 100 multiple choice questions, 3 hours, passing score of 70% or greater required	Must have a high school diploma or its equivalent and have successfully completed an approved required training course for the classification and level of the examination to be taken no more than 5 years before the examination.	None	None	www.dep.state.fl.us/water/wff/ocp/	
FLDEP006	Water Treatment Plant Operator Level C	Florida Department of Environmental Protection	The Water Treatment Plant Operator Level C certification measures knowledge and skills required for employment in a water treatment plant: overall water treatment process, scientific concepts, chemical, biological, and physical constituents of water, regulations, pumping & basic hydraulics, and aeration, flocculation, sedimentation, filtration, water-softening, stabilization, corrosion, disinfection, chemical removal, demineralization, and fluoridation processes.	1 exam required (per level), 100 multiple choice questions, 3 hours, passing score of 70% or greater required	Must have a high school diploma or its equivalent and have successfully completed an approved required training course for the classification and level of the examination to be taken no more than 5 years before the examination.	None	None	www.dep.state.fl.us/water/wff/ocp/	
FLDLE001	Auxiliary Law Enforcement Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	The Auxiliary Law Enforcement Officer certification measures knowledge and skills to supplement police work. Although they do not perform duties that require force, they take part in other police work that preserves peace and order, prevents crime and protects life and property, as instructed by their department.	1 exam required	Meet the minimum requirements (see Testing Prerequisites); Complete the required training; Pass the State Officer Certification Exam (SOCE); and Become employed as a sworn officer.	None	None	http://www.fdle.state.fl.us/Content/CJST/Menu/cjst-index/CJSTC-Home-Page.aspx	
FLDLE002	Correctional Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	The Correctional Officer certification measures knowledge and skills to maintain their personal safety as well as the safety of the inmates they oversee. Correctional officers are responsible for overseeing individuals who have been arrested and are awaiting trial or who have been sentenced to serve time in jail or prison.	1 exam required	Meet the minimum requirements (see Testing Prerequisites); Complete the required training; Pass the State Officer Certification Exam (SOCE); and Become employed as a sworn officer.	None	None	http://www.fdle.state.fl.us/Content/CJST/Menu/cjst-index/CJSTC-Home-Page.aspx	
FLDLE003	Correctional Probation Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	The Correctional Probation Officer certification measures knowledge and skills for performing professional work investigating, assessing, supervising, counseling, and/or classifying offenders.	1 exam required	Meet the minimum requirements (see Testing Prerequisites); Complete the required training; Pass the State Officer Certification Exam (SOCE); and Become employed as a sworn officer.	None	None	http://www.fdle.state.fl.us/Content/CJST/Menu/cjst-index/CJSTC-Home-Page.aspx	
FLDLE004	Law Enforcement Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	The Law Enforcement Officer certification measures knowledge and skills to be responsible for the prevention, investigation, apprehension, or detention of individuals suspected or convicted of offenses against the criminal laws, including an employee engaged in this activity who is transferred to a supervisory or administrative position.	1 exam required	Meet the minimum requirements (see Testing Prerequisites); Complete the required training; Pass the State Officer Certification Exam (SOCE); and Become employed as a sworn officer.	None	None	http://www.fdle.state.fl.us/Content/CJST/Menu/cjst-index/CJSTC-Home-Page.aspx	
FLSFM006	Fire Fighter II	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	The Fire Fighter II certification measures knowledge and skills in fire department communications, fireground operations, rescue operations, preparedness and maintenance, and fire and life safety initiatives.	2 exams required (written and practical)	An individual must meet minimum qualifications for certification as a career firefighter: 1) be at least 18yrs of age; 2) have a high school diploma or GED; 3) be of good moral character; 4) be in excellent physical condition; 5) have a Associate of Arts, Baccalaureate or graduate-level degree or stipulated test scores on SAT, ACT, CPT, MAPS, or TABE; and 6) complete the Minimum Standards Training Course and the State Certification Examination.			www.myfloridacfo.com/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
FLSFM007	Fire Safety Inspector I	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	The Fire Safety Inspector I certification measures knowledge and skills to examine buildings, homes and other facilities to ensure that they meet applicable fire safety codes and regulations.	1 exam required	An individual must successfully complete 200 hours of basic certification training for Firesafety Inspectors, or have received equivalent training in another state, and pass a state written examination. Documentation of training is to be submitted with the required Application for Firesafety Inspector Certification Examination (DFS-K4-1023), Personal Inquiry Waiver (DFS-K4-1020), along with all other supporting documents, at least 10 business days prior to the scheduled test date.	None	None	www.myfloridacfo.com/	
FLVMA002	Certified Veterinary Assistant (CVA)	Florida Veterinary Medical Association	The Certified Veterinary Assistant (CVA) certification measures knowledge and skills to familiarize new assistants and other hospital staff with the procedures performed daily in an animal hospital.	2 exams required (Level One and Level Two); the CVA student must demonstrate numerous hands-on skills for their supervisor; and a CVA Final Exam.	Online Curriculum - 10 units comprised of approximately 100 veterinary videos and Power Point presentations	A 90-day (500 hours) working apprenticeship in the veterinary hospital of the candidate's choice. Once the applicant has successfully achieved Level One certification, they must Complete six months (180 day work experience/ 1000 hours) at Level One before they are eligible to sit for the Level Two exam.	None	fvma.org/certification/certified-vet-assistant/	
FNGLA002	Certified Landscape Contractor	Florida Nursery Growers and Landscape Association	The FNGLA Certified Landscape Contractor (FCLC) certification measures users' knowledge of principles of contracts, insurance, lien laws, sales; marketing, accounting, estimating; bidding, subcontractors, purchasing, codes; ordinances, fertilization, irrigation and best management practices.	3 part exam (including FNGLA Certified Horticulture Professional exam and FNGLA Certified Landscape Technician (FCLT) field exam; written exam 3 hours	None	None	None	www.fn gla.org/	
FNGLA003	Certified Landscape Designer	Florida Nursery Growers and Landscape Association	The FNGLA Certified Landscape Designer (FCLD) certification measures users' knowledge of plant selection & use, sustainable landscape design, project management, and design principles.	2 exams required (FNGLA Certified Horticulture Professional (FCHP) written exam and FCLD written exam)	Individuals must submit a plan that will be reviewed by the FNGLA Certified Landscape Design Judging Committee.	None	None	www.fn gla.org/	
FNGLA004	Certified Landscape Technician	Florida Nursery Growers and Landscape Association	The FNGLA Certified Landscape Technician (FCLT) certification measures users' knowledge of plant id, plan layout, tree planting, tree staking & pruning, palm banding, irrigation, equipment, and grading & drainage and 9) instrument.	1 exam (FCLT) required; minimum score of 70% required	None	None	None	www.fn gla.org/	
FPARA001	Certified Florida Paralegal	Paralegal Association of Florida	The Certified Florida Paralegal certification measures users' knowledge and skills in ethics, civil procedure and florida general law that includes florida's court system, basic criminal law, basic property law, basic estate and probate law, basic family law and basic business law and the additional choice of either real estate, probate law, business law, family law or criminal law.	1 exam required (multiple choice; true/false, matching questions and an essay); 3 hours	Once both the FCHP written exam and the FCLD written exam have been completed, the applicant will submit a plan, either CAD or hand-rendered, to be reviewed.	None	None	www.pafinc.org/	
GLIAC001	GIAC Certified Forensic Analyst (GCFA)	Global Information Assurance Certification	The Certified Forensic Analyst (GCFA) certification measures users' knowledge and skills in formal incident investigations and handle advanced incident handling scenarios, including internal and external data breach intrusions, advanced persistent threats, anti-forensic techniques used by attackers, and complex digital forensic cases.	1 exam required; 115 questions; 3 hours; minimum score of 69% or higher	None	None	None	www.giac.org	
GLIAC002	GIAC Certified Forensic Examiner (GCFE)	Global Information Assurance Certification	The Certified Forensic Examiner (GCFE) certification measures users' knowledge to conduct typical incident investigations including e-Discovery, forensic analysis and reporting, evidence acquisition, browser forensics and tracing user and application activities on Windows systems.	1 exam required; 115 questions; 3 hours; minimum score of 71% or higher	None	None	None	www.giac.org	
GLIAC003	GIAC Certified UNIX Security Administrator (GCUX)	Global Information Assurance Certification	The Certified UNIX Security Administrator (GCUX) certification measures users' knowledge to secure and audit UNIX and Linux systems including responsibility for installing, configuring, and monitoring UNIX and/or Linux systems.	1 exam required; 75 questions; 2 hours; minimum score of 65.3% or higher	None	None	None	www.giac.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
GLIAC004	GIAC Information Security Fundamentals (GISF)	Global Information Assurance Certification	The GIAC Information Security Fundamentals (GISF) certification measures users' knowledge of key concepts of information security including understanding the threats and risks to information and information resources, identifying best practices that can be used to protect them, and learning to diversify our protection strategy.	1 exam required; 75 questions; 2 hours; minimum score of 70% or higher	None	None	None	www.giac.org	
GLIAC005	GIAC Security Essentials (GSEC)	Global Information Assurance Certification	The Security Essentials (GSEC) certification measures users' knowledge and skills in IT systems with respect to security tasks including an understanding of information security beyond simple terminology and concepts.	1 exam required	None	None	None	www.giac.org	
HVACE001	HVAC Excellence Employment Ready - Heat Pump	HVAC Excellence	HVAC Excellence Employment Ready Heat Pump certification measures knowledge and skills in components, controls, heat pump cycle, service, theory, troubleshooting, interpreting heat pump schematics.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
HVACE002	HVAC Excellence Employment Ready - Air Conditioning	HVAC Excellence	HVAC Excellence Employment Ready Air Conditioning certification measures knowledge and skills in air conditioning and refrigeration theory, equipment service, systems and components, troubleshooting, refrigerant flow control theory and application.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
HVACE003	HVAC Excellence Employment Ready - Light Commercial Air Conditioning	HVAC Excellence	HVAC Excellence Employment Ready Light Commercial Air Conditioning certification measures users' knowledge and skills in commercial air conditioning systems & components, equipment installation & service, refrigeration theory & application, troubleshooting.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
HVACE004	HVAC Excellence Employment Ready - Electric Heat	HVAC Excellence	HVAC Excellence Employment Ready-Electric Heat certification measures users' knowledge and skills in systems & components, equipment - installation & service, heating systems & components, safety, theory & application, troubleshooting.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
HVACE005	HVAC Excellence Employment Ready - Light Commercial Refrigeration	HVAC Excellence	HVAC Excellence Employment Ready Light Commercial Refrigeration certification measures users' knowledge and skills in equipment installation & service, refrigeration systems & components, refrigeration theory & application, troubleshooting.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
HVACE006	HVAC Excellence Employment Ready - Gas Heat	HVAC Excellence	HVAC Excellence Employment Ready Gas Heat certification measures users' knowledge and skills in combustion theory, electrical troubleshooting, furnace installation & service, furnace troubleshooting, heating safety, heating system & components.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
HVACE011	HVAC Excellence Employment Ready - Electrical	HVAC Excellence	HVAC Excellence Employment Ready Electrical certification measures knowledge and skills in components, meter usage, safety, theory, troubleshooting, fundamentals of motors and capacitors, interpreting electrical diagrams.	1 exam required; 100 questions	None	None	None	www.hvacexcellence.org	
IACR8001	Certified Computer Forensics Examiner (CCFE)	Information Assurance Certification Review Board	The Certified Computer Forensics Examiner (CCFE) certification measures users' knowledge of computer forensics evidence recovery and analysis process and requisite background knowledge of the complex legal issues that relate to the computer forensics field.	1 exam required (2-parts); Part 1: 50 multiple choice questions; 2 hours; Part 2: take home exam which includes mock case files	None	None	None	www.iacertification.org	
ICOEC002	Certified Ethical Hacker (CEH)	EC-Council	The Certified Ethical Hacker (CEH) certification measures users' knowledge and skills to undertake an attempt to penetrate networks and/or computer systems using the same methods and techniques as a Hacker.	1 exam required; 125 multiple choice questions; 4 hours; minimum score of 70% or higher	Individuals must have completed an approved training program or have two years of information security related experience.	None	None	www.eccouncil.org/	
ICOEC003	Computer Hacking Forensic Investigator (CHFI)	EC-Council	The Computer Hacking Forensic Investigator (CHFI) certification measures users' knowledge and skills in detecting hacking attacks and properly extracting evidence to report the crime and conduct audits to prevent future attacks including methods for discovering data that resides in computer systems and recovering deleted, encrypted, or damaged file information.	1 exam required; 150 multiple choice questions; 4 hours; minimum score of 70% or higher	Individuals must have completed an approved training program or have two years of information security related experience.	None	None	www.eccouncil.org/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
ICOEC004	Certified Security Analyst (ECSA)	EC-Council	The Certified Security Analyst (ECSA) certification measures users' knowledge and skills in advanced uses of the LPT methodologies, tools and techniques required to perform comprehensive information security tests. ECSAs design, secure and test networks to protect organizations from the threats.	1 exam required; 50 multiple choice questions; 2 hours; minimum score of 70% or higher	Individuals must have completed an approved training program or have two years of information security related experience.	None	None	www.eccouncil.org/	
IECON001	Field Service Engineer - Low Voltage Systems	Independent Electrical Contractors	The Field Service Engineer - Low Voltage Systems certification measures users' knowledge and skills in intro to electronics; fire alarm systems; nurse call systems; security systems; audio and sound systems; wireless broadband networks; building automation; intro to fiber optics; intro to structured cabling; mass notification – exterior; and emerging technologies.	1 exam required; 4 hours	None	None	None	www.iecfwcc.org	
IECON002	Field Service Engineer - Voice-Data-Video	Independent Electrical Contractors	The Field Service Engineer - Voice-Data-Video certification measures users' knowledge and skills in intro to structured cabling systems; intermediate structured cabling systems; intro to optical fiber; intro to networking and telephone systems; wireless and broadband networks; tv systems (CAT 5); CCTV security systems; and emerging technologies.	1 exam required; 4 hours	None	None	None	www.iecfwcc.org	
IECON003	Journeyman Electrician	Independent Electrical Contractors	The Journeyman Electrician certification measures users' knowledge and skills in electrical theory & national electric code (NEC); commercial & industrial installations & service; commercial motor control and/or service residential installations; and site & slab work.	1 exam required; 4 hours	None	None	None	www.iecfwcc.org	
IECON004	Residential Wireman	Independent Electrical Contractors	The Residential Wireman certification measures users' knowledge and skills in residential wiring, residential finish work, general lighting and service installation, troubleshooting, and residential telecommunications.	1 exam required; 4 hours	None	None	None	www.iecfwcc.org	
IHKBZ001	CNC Production Specialist	IHK-Bildungszentrum	The CNC (computer numeric controlled) Production Specialist certification enables individuals to show their knowledge of computer-aided programming systems of CAD/CNC coupling and the CIM environment. Individuals are able to generate CNC programs on their own with a graphical programming system and to apply their knowledge to multi-axial turning and milling centers. Topics include application software, input and output devices, CAD system 2D/3D, menu-tablet-oriented operation, basic drawing commands, object snap functions, editing functions, layers, formats, CAD/CAM coupling, CAD 3D/CNC coupling, CNC operation, graphical simulation, and CNC machining.	1 exam required	None	None	None	www.machiningtrainingsolutions.com/IHK.html	
IISCC001	CISSP- Information Systems Security Management Professional (CISSP-ISSMP)	International Information Systems Security Certification Consortium, Inc.	The CISSP- Information Systems Security Management Professional (CISSP-ISSMP) certification measures users' knowledge and skills in project management, risk management, setting up and delivering a security awareness program, and managing a business continuity planning program.	1 exam required	None	None	The current requirements for the ISSMP call for four years of work experience in one or more of the ten domains of the CISSP CBK, or three years of experience with an applicable college degree or a credential from the (ISC) approved list.	www.isc2.org	
IISCC002	Systems Security Certified Practitioner (SSCP)	International Information Systems Security Certification Consortium, Inc.	The Systems Security Certified Practitioner (SSCP) certification measures users' knowledge and skills in access controls, security operations and administration, monitoring and analysis, risk, response and recovery, cryptography, networks and communications, and malicious code and activity.	1 exam required; minimum score of 700 points or greater required	None	None	None	www.isc2.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
IISCC003	Certified Cyber Forensics Professional (CCFP)	International Information Systems Security Certification Consortium, Inc.	The Certified Cyber Forensics Professional (CCFP) certification measures users' knowledge and skills in mobile forensics, cloud forensics, and anti-forensics in law enforcement to support criminal investigations, cybercrime and cyber security professionals working in the public or private sectors, computer forensic engineers and managers working in corporate information security, digital forensic and e-discovery consultants focused on litigation support, cyber intelligence analysts working for defense/intelligence agencies, and computer forensic consultants working for management or specialty consulting firms.	1 exam (CCFP) required; 125 questions; 4 hours; minimum score of 700 or higher required	None	Individuals with a four-year college degree leading to a Baccalaureate must demonstrate three years of full time digital forensics or IT security experience in three out of the six domains of the credential. Individuals who do not hold a four-year college degree leading to a Baccalaureate, must have six years of full time digital forensics or IT security experience in three out of the six domains of the credential. One year of the work experience may be waived for Individuals without a 4 year degree, who have earned an alternate forensics certification on the (ISC)2 approved list. Individuals may sit for the exam before completing the work experience requirement and are issued the Associate of (ISC)2 for CCFP until they have documented the work experience.	None	www.isc2.org	
IISCC004	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.	1 exam (CISSP) required; 250 questions; 6 hours; minimum score of 700 or higher required	None	Individuals must demonstrate five years of full time paid work experience in two of the ten domains. One year of the work experience may be waived for Individuals with a 4 year degree. Individuals may sit for the exam before completing the work experience requirement and are issued the Associate of (ISC)2 for CISSP until they have documented the work experience.	None	www.isc2.org	
INSOC002	Certified Automation Professional (CAP)	International Society of Automation	The Certified Automation Professional (CAP) certification measures users' knowledge and skills for the direction, definition, design, development/application, deployment, documentation, and support of systems, software, and equipment used in control systems, manufacturing information systems, systems integration, and operational consulting.	1 exam required	None	Ten (10) years of work in the automation field. One (1) year of work experience means 1,500 hours of active employment. A cumulative total of 15,000 hours of documented work experience is required during the ten (10) year period prior to application date. An Associate Degree in automation or a related technology from an accredited educational institution will count as two (2) years of work experience.	None	www.isa.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
INSOC005	Certified Control Systems Technician (CCST) - Level 3	International Society of Automation	The Certified Control Systems Technician (CCST) certification measures users' knowledge and skills for the calibration, documentation, troubleshooting, and repair/replacement of instrumentation for systems that measure and control level, temperature, pressure, flow, and other process variables in the field of automation.	1 exam required	None	A thirteen-year total of education, training, and/or experience. The following elements may be used to satisfy this requirement: A registered apprenticeship in an instrumentation, measurement and control, electronics, electrical, and/or mechanical program, if applicable. Academic degree (or equivalent) in a related technology area, to a maximum of four years. Related work experience, including at least five years in instrumentation/measurement and control.	None	www.isa.org	
IOEEE002	Certified Software Development Associate (CSDA)	IEEE Computer Society	The Certified Software Development Associate (CSDA) certification measures users' knowledge of software engineering principles and programs including software design, software testing, configuration management, and software maintenance.	1 exam required; 180 minutes; minimum score of 170 or greater required	None	None	None	www.computer.org	
ISCET002	Electronics System Associate (ESA)	International Society for Certified Electronics Technicians	The Electronics System Associate (ESA) measures competencies in direct current (DC), alternating current (AC), Semi and Digital.	4 exams required: DC, AC, Semi-conductor and Digital. Certificates are awarded for passing each of the 4 parts. Once all 4 certificates are earned the Associate CET is awarded.	None	None	None	www.iscet.org	Yes
JCAHO001	Certified Ophthalmic Medical Technologist (COMT)	Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO)	The Certified Ophthalmic Technician certification measures users' knowledge and skills to assist ophthalmologists by performing ophthalmic clinical functions and ophthalmic photography, provide instruction and supervision to other ophthalmic personnel, and assist with minor surgical procedures, applying aseptic techniques and preparing instruments. COMTs may perform eye exams, administer eye medications, and instruct patients in care and use of corrective lenses.	1 (2-part) exam required; Written test: 160 multiple choice questions; 3 hours; Performance Test: 5-12 skill areas	None	None	None	www.jcahpo.org/certification/	
JCAHO002	Certified Ophthalmic Technician (COT)	Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO)	The Certified Ophthalmic Technician certification measures users' knowledge and skills to assist ophthalmologists by performing ophthalmic clinical functions including administering eye exams, administering eye medications, and instructing the patient in care and use of corrective lenses.	1 (2-part) exam required; Written test: 200 multiple choice questions; 3 hours; Skill Evaluation: 7 skills; 2 hours	None	None	None	www.jcahpo.org/certification/	
MANSIO01	Manufacturing Technician 1 (MT1)	Manufacturing Skills Institute (MSI)	The MT1 certification measures users' knowledge and skills in CAD skills, computer controlled machine programming, precision measurement, process and machine trouble-shooting, problem-solving, machine maintenance and proficient use of diagnostic and statistical tools.	1 exam required: 3 Modules; minimum score of 75% required of all three MT1 certificate modules	None	None	None	https://www.microsoft.com/en-us/learning/default.aspx	
MICRO052	Microsoft Certified Trainer (MCT)	Microsoft Corporation	The Microsoft Certified Trainer (MCT) certifies readiness of individuals to be Microsoft authorized to deliver training that is based on Official Microsoft Learning Products or Microsoft Dynamics Learning Products for the MCT program.	1 exam required	Before an individual can apply to become a Microsoft Certified Trainer (MCT), they must acquire either one of the Microsoft Certified Professional (MCP) certifications or a Microsoft Dynamics qualifier for the MCT program.	None	None	www.microsoft.com/learning	
MICRO082	Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012	Microsoft Corporation	The Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012 certification measures users' knowledge and skills in creating database objects; working with data; modifying data; and troubleshooting and optimizing.	3 exams required (Exam 461-Querying Microsoft SQL Server 2012, Exam 462-Administering a Microsoft SQL Server 2012 Database and Exam 463-Implementing Data Warehouse with Microsoft SQL Server 2012)	None	None	None	www.microsoft.com/learning/en-us/default.aspx	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
MICRO085	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2008	Microsoft Corporation	The Microsoft Certified Solutions Associate (MCSA) : Windows Server 2008 certification validates a set of primary Windows Server skills, relevant across multiple solution areas.	3 exams required (Exam 640-Windows Server 2008 Active Directory, Configuring; Exam 642-Windows Server 2008 Network Infrastructure, Configuring; Exam 646-Windows Server 2008 Server Administrator)	None	None	None	www.microsoft.com/learning	
MICRO086	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012	Microsoft Corporation	The Microsoft Certified Solutions Associate (MCSA) : Windows Server 2012 certification validates a primary set of Windows Server skills that are relevant across multiple solution areas in a business environment.	3 exams required (exam 410-Installing and Configuring Windows Server 2012, exam 411-Administering Windows Server 2012 and exam 412-Configuring Advance Windows Server 2012 Services)	None	None	None	www.microsoft.com/learning	
MICRO106	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016	Microsoft Corporation	The Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016 certification measures skill in the following competencies: installation, storage, compute features, networking and identity functionality.	3 exams required (Exam 70-740 Installation, Storage, and Compute with Windows Server 2016; Exam 70-741 Networking with Windows Server 2016; Exam 70-742 Identity with Windows Server 2016)	None	None	None	www.microsoft.com/en-us/learning/mcsa-windows-server-2016-certification.aspx	Yes
MICRO107	Microsoft Certified Solutions Expert (MCSE) - Data Management and Analytics	Microsoft Corporation	The Microsoft Certified Solutions Expert (MCSE) - Data Management and Analytics certification measures broad skills in SQL administration, building enterprise-scale data solutions and leveraging business intelligence data – both on-premises and in cloud environments.	1 exam required	Must first earn MCSA in SQL Server 2012/2014; or SQL 2016 Database Administration, Database Development, BI Development, Machine Learning, BI Reporting or Data Engineering with Azure.	Work experience is recommended, and varies depending on the specific exam. Visit the website for more specific information.	None	www.microsoft.com/en-us/learning/mcse-data-management-analytics.aspx	Yes
MICRO108	Microsoft Certified Solutions Expert (MCSE) - Productivity	Microsoft Corporation	The Microsoft Certified Solutions Expert (MCSE) - Productivity certification measures skills in cloud technology, ability to increase user productivity and flexibility, reduce data loss and improve data security.	1 exam required	Must first earn one of the following: MCSA Office 365, MCSA Windows Server 2012 or MCSA Windows Server 2016.	Work experience is recommended, and varies depending on the specific exam. Visit the website for more specific information.	None	www.microsoft.com/en-us/learning/mcse-productivity-certification.aspx	Yes
MICRO109	Microsoft Certified Solutions Expert (MCSE) - Cloud Platform and Infrastructure	Microsoft Corporation	The Microsoft Certified Solutions Expert (MCSE) - Cloud Platform and Infrastructure certification measures skills needed to run a data center with expertise in cloud technologies, identity management, systems management, virtualization, storage and networking.	1 exam required	Must first earn a MCSA certification in Windows Server 2016, Cloud Platform, Linux on Azure or Windows Server 2012.	Work experience is recommended, and varies depending on the specific exam. Visit the website for more specific information.	None	www.microsoft.com/en-us/learning/mcse-cloud-platform-infrastructure.aspx	Yes
MICRO110	Microsoft Certified Solutions Expert (MCSE) - Mobility	Microsoft Corporation	Microsoft Certified Solutions Expert (MCSE) - Mobility certification measures skills needed to manage devices in the 'bring-your-own-device' enterprise.	1 exam required	Must first earn MCSA: Windows 10 certification.	Work experience is recommended, and varies depending on the specific exam. Visit the website for more specific information.	None	www.microsoft.com/en-us/learning/mcse-mobility-certification.aspx	Yes
MICRO111	Microsoft Certified Solutions Developer (MCSA) - App Builder	Microsoft Corporation	The Microsoft Certified Solutions Developer (MCSA) - App Builder certification measures skills needed to build modern mobile and/or web applications and services.	1 exam required	Must first earn MCSA certification in either Web Applications or Universal Windows Platform.	Work experience is recommended, and varies depending on the specific exam. Visit the website for more specific information.	None	www.microsoft.com/en-us/learning/mcsd-app-builder-certification.aspx	Yes
MSSCN001	MSSC Certified Production Technician (CPT)	Manufacturing Skills Standards Council (MSSC)	The MSSC Certified Production Technician (CPT) certification measures knowledge and skills to demonstrate mastery of the core competencies for manufacturing production at the front-line (entry-level through front-line supervisor).	4 exams required; 80-90 questions each; 90 minutes each	None	None	None	www.msscusa.org	
MSSCN002	MSSC Certified Logistics Technician (CLT)	Manufacturing Skills Standards Council (MSSC)	The Certified Logistics Technician (CLT) Certification measures knowledge and skills in product receiving, product storage, order processing, packaging and shipment, inventory control, safe handling of hazmat materials, evaluation of transportation modes, dispatch and tracking, and measurements and metric conversions.	1 exam required; 96 multiple choice questions; 120 minutes	Individuals must already have their Certified Logistics Associate (CLA) Certificate.	None	None	www.msscusa.org	
NAHUC001	Certified Health Unit Coordinator (CHUC)	National Association of Health Unit Coordinators, Inc.	The Certified Health Unit Coordinator (CHUC) certification demonstrates knowledge and skill in four major areas: transcription of orders; coordination of health unit; equipment/technical procedures; and professional development.	1 exam required; 120 questions; 2.5 hours	If an individual is currently a health unit coordinator, or has completed a training program to become a health unit coordinator, or is involved with health unit coordinating activities, they may test for certification. A Individual must also have, at minimum, a high school diploma or GED.	None	None	www.nahuc.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
NASME001	NASM Certified Personal Trainer (CPT)	National Academy of Sports Medicine	The National Academy of Sports Medicine - Certified Professional Trainer certification measures individual's ability to perform individualized assessments, and design safe exercise and conditioning programs that are scientifically valid and based on clinical evidence.	1 exam required; 2 hour time limit with 120 test questions, in which 20 are research questions and do not count toward or against the final score. A passing score is 70% or better.	Must have a high school diploma or equivalent. Must have current Emergency Cardiac Care (CPR) and Automated External Defibrillator (AED) Certification prior to sitting for the exam (not required to purchase the CPT).	None	None	www.nasm.org	Yes
NATEX001	Air Conditioning Service Technician	North American Technician Excellence	The Air Conditioning Service Technician certification measures knowledge and skills in installation, service, maintenance, and repair of HVAC systems, with a focus on service. System sizes are limited to 30 tons or less cooling capacity.	2 exam required (a CORE and a Speciality Air Conditioning Installation test); 50 questions on CORE tests and 100 questions on Speciality test; must score 70% or higher on each	None	None	None	www.natex.org/site/353/Technicians/Certification-Basics/101	
NATEX002	Air Conditioning Installation Specialization	North American Technician Excellence	The Air Conditioning Service Technician certification measures knowledge and skills in installation, service, maintenance, and repair of HVAC systems, with a specialization in installation. System sizes are limited to 30 tons or less cooling capacity.	2 exam required (a CORE and a Speciality Air Conditioning Installation test); 50 questions on CORE tests and 100 questions on Speciality test; must score 70% or higher on each	None	None	None	www.natex.org/site/353/Technicians/Certification-Basics/101	
NATEX003	Air to Air Heat Pump Installation Technician	North American Technician Excellence	The Air to Air Heat Pump Installation Technician certification measures knowledge and skills to prepare installation sites (including removal of existing HVAC/R equipment), fabricate systems, and assemble systems.	2 exams required (a CORE and a Speciality Air Air to Air Heat Pump Installation exam); 50 questions on CORE tests with 90 minutes to complete; 100 questions on Speciality test with 150 minutes to complete.	None	None	None	www.natex.org/site/353/Technicians/Certification-Basics/101	
NATEX004	Air to Air Heat Pump Service Technician	North American Technician Excellence	The Air to Air Heat Pump Service Technician certification measures knowledge and skills in installation, service, maintenance, and repair of heat pump systems, with a focus on service. System sizes are limited to 30 tons or less cooling capacity.	2 exams required; CORE exam (50 questions; 90 minutes) and Air to Air Heat Pump Service Technician exam (100 questions; 150 minutes); minimum passing score of 70% or higher required on each exam	None	None	None	www.natex.org/site/353/Technicians/Certification-Basics/101	
NATHA002	Certified EKG Technician (CET)	National Healthcareer Association	The Certified EKG Technician (CET) certification is for cardiovascular technologists and technicians who assist physicians in diagnosing and treating cardiac (heart) and peripheral vascular (blood vessel) ailments. Cardiovascular technologists may specialize in any of three areas of practice: invasive cardiology, echocardiography, and vascular technology.	1 exam required; 100 questions; 2 hours	Applicant must be 18 years of age or older, must have completed high school and completed 60 hours of training and performed 10 live EKG's.	None	None	www.nhanow.com	
NATHA006	Certified Patient Care Technician (CPCT)	National Healthcareer Association	The Certified Patient Care Technician (CPCT) measures knowledge and skills to provide direct patient care in a variety of healthcare environments. CPCT duties may include basic patient care including feeding, bathing or moving patients and changing linens.	1 exam required; 100 questions; 1 hour 50 minutes	Individuals must be at least 18 years of age and have a high school diploma, or equivalency and must have successfully completed an accredited or approved training program within the last year or must have worked within the past year in the field of certification for a minimum of one year.	None	None	www.nhanow.com	
NATHA007	Certified Phlebotomy Technician (CPT)	National Healthcareer Association	The Certified Phlebotomy Technician (CPT) measures knowledge and skills to draw blood from patients in hospitals, blood centers, or similar facilities for analysis or other medical purposes. As a CPT, one may perform some or all of the following tasks: basic phlebotomy procedures; Evaluate patients for ability to withstand venipuncture procedure; Explain the venipuncture procedure and answer patient questions; Perform basic point of care testing, such as blood glucose levels on patients; and Prepare blood, urine, and other body fluid specimens for testing according to established standards.	1 exam required; 100 questions; 2 hours	Individuals must have a High School Diploma or the equivalent and have successfully completed a training program or one year of work experience within the field.	None	Training/work experience must include a minimum of 30 successful venipunctures and 10 successful capillary sticks. These venipuncture and capillary sticks must be performed on live individuals. Individuals must provide written proof of training or experience and/or documentation of education completion upon request.	www.nhanow.com	
NATHA008	Certified Billing & Coding Specialist (CBCS)	National Healthcareer Association	The Certified Billing & Coding Specialist (CBCS) certification measures users' knowledge and skills in converting medical procedures, diagnoses, or symptoms into specific codes for submitting a claim for reimbursement including documentation in a patient record to support coding and billing process, assigning codes for diagnoses and procedures, submitting claims for reimbursement based on payer policies and procedures, and working with providers to document procedures to support quality coding and reimbursement.	1 exam required; 100 multiple choice questions; 1 hour and 45 minutes; minimum passing score of 72% or higher required.	Individuals must have a High School Diploma or the equivalent and have successfully completed a training program or one year of work experience within the field. Individuals must provide written proof of training or experience and/or documentation of education completion upon request.	None	None	www.nhanow.com	
NATHA009	Certified Clinical Medical Assistant (CCMA)	National Healthcareer Association	The Certified Clinical Medical Assistant (CCMA) certification measures users' knowledge and skills in interviewing patients, measuring and recording vital signs, preparing exam rooms, preparing medical equipment, and performing venipuncture and point of care testing.	1 exam required; 160 multiple choice questions; 2 hour and 40 minutes; minimum passing score of 390 or higher required.	Individuals must have a High School Diploma or the equivalent and have successfully completed a training program or one year of work experience within the field. Individuals must provide written proof of training or experience and/or documentation of education completion upon request.	None	None	www.nhanow.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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NATHA010	Certified Pharmacy Technician (CPhT)	National Healthcareer Association	The Certified Pharmacy Technician (CPhT) certification measures knowledge and skills to perform work delegated by licensed pharmacists in accordance with state rules and regulations. CPhT's duties may include receiving written prescriptions requests from patients, and sent electronically from doctor's offices, prepare medications including retrieving, counting, poring, weighing, and measuring, establish and maintain patient profiles, and prepare insurance claim forms and manage inventory.	1 exam required; 100 questions; 2 hours 10 minutes	Individuals must have a High School Diploma or the equivalent and have successfully completed a training program or one year of work experience within the field. Individuals must provide written proof of training or experience and/or documentation of education completion upon request.	None	None	www.nhanow.com	
NATHA011	Certified Electronic Health Record Specialist (CEHRS)	National Healthcareer Association	The Certified Electronic Health Record Specialist (CEHRS) certification measures knowledge and skills in how to maintain the integrity and protect the privacy and security of patient information. This certification helps an individual demonstrate their proficiency in auditing of patient records for compliance with legal and regulatory requirements perform basic coding to submit claims for reimbursement from insurers and collect patient demographic and insurance information.	1 exam required; 100 questions; 1 hours 50 minutes	The individual must have a High School Diploma or the equivalent and successfully completed a training program or one year of work experience within the field. Individuals must provide written proof of training or experience and/or documentation of education completion upon request. An applicant who is scheduled to graduate from an accredited high school or GED program may receive a provisional certification.	None	Individuals for provisional certification must take and successfully pass the examination no more than 12 months prior to graduation. The provisional certification expires 12 months after the examination date and must be converted to a full certification within that time frame.	www.nhanow.com	
NBCOT001	Orthopaedic Technologist Certified (OTC)	National Board for Certification of Orthopaedic Technologists	The Orthopaedic Technologist - Certified certification measures knowledge and skills in assisting orthopedic surgeons by applying and removing casts or splints, setting up traction devices and adjusting medical equipment, like crutches or walkers.	1 exam required; 3 hours	To be eligible an individual must meet the following requirements: A) two-years of full time employment in Orthopaedics specific to Orthopaedic Technology and in accordance with the current Examination Breakdown under the direct supervision of a Physician specializing in the musculoskeletal system. B. Completion of an Orthopaedic Technologist (OT) Training Program that satisfies the requirements of the NBCOT Eligibility Route B Policy.	None	None	www.nbcot.net	
NBFOT001	Certified Occupational Therapy Assistant	National Board for Certification in Occupational Therapy	The Certified Occupational Therapy Assistant certification measures users' knowledge and skills in helping patients develop, recover, and improve the skills needed for daily living and working.	1 exam required	Individuals must graduate with an accredited/approved entry-level occupational therapy degree - Associate degree in occupational therapy – COTA exam.	None	None	www.nbcot.net	
NBFR001	Certified Respiratory Therapist (CRT)	National Board for Respiratory Care	The Certified Respiratory Therapist (CRT) certification measures knowledge and skills to evaluate, treat, and care for patients with breathing or other cardiopulmonary disorders. CRTs assume primary responsibility for all respiratory care therapeutic treatments and diagnostic procedures, including the supervision of respiratory therapy technicians.	1 exam required; 160 multiple choice questions;	Applicants must be 18 years of age or older. Applicants shall satisfy one of the following educational requirements: A) Applicants shall have a minimum of an associate degree from a respiratory therapy education program accredited by the Commission on Accreditation for Respiratory Care (CoARC) or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) B) Applicants enrolled in an accredited respiratory therapy program in an institution offering a baccalaureate degree may be admitted to the CRT Examination with a "special certificate of completion" issued by a sponsoring educational institution.	None	None	www.nbrc.org	
NBFR002	Registered Respiratory Therapist (RRT)	National Board for Respiratory Care	The Registered Respiratory Therapist (RRT) certification measures knowledge and skills to care for patients who have trouble breathing from a chronic respiratory disease, such as asthma or emphysema. RRTs also provide emergency care to patients suffering from heart attacks, drowning, or shock.	Two exams required; the Therapist Multiple Choice Examination (160 multiple choice questions; 3 hours); the Clinical Simulation Examination (22 problems; 4 hours)	None	None	There are two established cut scores for the Therapist Multiple-Choice Examination. Individuals may become eligible to take the Clinical Simulation Examination by achieving the higher cut score on the Therapist Multiple-Choice Examination. The passing point associated with RRT eligibility is higher than the passing point associated with the CRT credential. Individuals who attempt and pass the Therapist Multiple-Choice Examination at the higher cut score and attempt and pass the Clinical Simulation Examination will be awarded the Registered Respiratory Therapist (RRT) credential.	www.nbrc.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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NCAAT001	Aircraft Electronics Technician (AET)	National Center for Aerospace and Transportation Technologies (NCATT)	The Aircraft Electronics Technician (AET) certification prepares individuals for installation, calibration and repair of electronic systems used on aircraft. Aircraft electronics specialists and avionics technicians work closely with the maintenance technicians to keep all aircraft systems operational. This work can take place in an aircraft or in a repair station. The duties include routine electronic maintenance (wiring), troubleshooting or localizing and diagnosing causes of equipment malfunction, replacement of faulty components, tracing circuitry as well as aligning and adjusting repaired equipment.	1 exam required; passing score of 70% or greater required	None	None	None	www.ncatt.org	
NCCER204	NCCER Carpentry - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Carpentry - Level 4 credential measures knowledge and skills in differential leveling; angular and distance measurement; advanced roof systems; advanced wall systems; advanced stair systems; construction equipment; and oxyfuel cutting and arc welding.	8 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER211	NCCER Electrical - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Electrical - Level 4 credential measures knowledge and skills in load calculations feeders & services; health care facilities; standby and emergency systems; basic electronic theory; fire alarm systems; specialty transformers; HVAC controls; heat tracing and freeze protection; motor operation and maintenance; medium-voltage terminations/splices; special locations; and fundamentals of crew leadership.	13 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER215	NCCER Electronic Systems Technician - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Electronic Systems Technician - Level 4 credential measures knowledge and skills in fire alarm systems; intrusion detection systems; audio systems; overview of nurse call and signaling systems; CCTV systems; broadband systems; access control systems; systems integration; systems commissioning and user training; and media management systems.	11 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER218	NCCER Heavy Equipment Operations - Level 3 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Heavy Equipment Operations - Level 3 credential measures knowledge and skills in finishing and grading; compaction equipment; backhoes; off road dump trucks; dozers; excavators; and motor graders.	7 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER222	NCCER HVAC - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The HVAC - Level 4 credential measures knowledge and skills in water treatment; indoor air quality; energy conservation equipment; building management systems; system air balancing; system startup and shutdown; construction drawings and specifications; heating and cooling system design; commercial/industrial refrigeration systems; alternative and specialized heating and cooling systems; and fundamentals of crew leadership.	11 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER231	NCCER Insulating - Level 3 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Insulating - Level 3 credential measures knowledge and skills in trade math; air duct systems; theory of heat transfer and moisture effects; adhesives and their uses; steam, condensate, and process water systems; large boilers, breechings, precipitators, and apparatus; refrigeration and cryogenic systems; specialized insulation systems; blueprints and specifications; jacketing fabrication - piping and fittings; jacketing fabrication - vessels and equipment; and sheet metal lagging.	12 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER234	NCCER Ironworking - Level 3 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Ironworking - Level 3 credential measures knowledge and skills in applied trade math; flux core for ironworking; stud welding; structural ironworking; advanced rigging; precast/tilt-up erection; special application hoisting devices; survey equipment use & care two; pre-engineered systems; miscellaneous/ornamental ironworking; grating and checkered plate; air carbon arc cutting and gouging; and demolition.	13 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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NCCER237	NCCER Masonry - Level 3 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Masonry - Level 3 credential measures knowledge and skills in elevated masonry; specialized materials and techniques; repair and restoration; commercial drawings; estimating; site layout – distance, measurement and leveling; stone masonry; and fundamentals of crew leadership.	8 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER242	NCCER Millwright - Level 5 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Millwright - Level 5 credential measures knowledge and skills in reverse alignment; laser alignment; advanced blueprint reading; optical alignment; turbines; troubleshooting and repairing turbine equipment; installation of motors; preventive and predictive maintenance; vibration analysis; and troubleshooting and repairing pneumatic equipment.	9 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER249	NCCER Pipefitting - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Pipefitting - Level 4 credential measures knowledge and skills in advanced blueprint reading; advanced pipe fabrication; stress relieving and aligning; steam traps; in-line specialties; steel piping; hot taps; maintaining valves; and introduction to supervisory roles.	9 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER253	NCCER Plumbing - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Plumbing - Level 4 credential measures knowledge and skills in business principles for plumbers; fundamentals of crew leadership; water pressure booster and recirculation systems; indirect and special waste; hydronic and solar heating systems; codes; private water supply well systems; private waste disposal systems; swimming pools and hot tubs; plumbing for mobile homes and travel trailer parks; and medical gas and vacuum systems.	11 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER258	NCCER Sheet Metal - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Sheet Metal - Level 4 credential measures knowledge and skills in shop production and organization; air testing and balancing; introduction to welding, brazing, and cutting; fume and exhaust system design; fabrication four – comprehensive review; and introductory supervisory skills.	6 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER262	NCCER Sprinkler Fitting Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Sprinkler Fitting Level 4 credential measures knowledge and skills in system layout; inspection, testing, and maintenance; special extinguishing systems; introductory skills for the foreman; and proper procedures and documentation.	5 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER265	NCCER Welding - Level 3 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Welding - Level 3 credential measures knowledge and skills in SMAW - open-root pipe welds; GMAW - pipe; FCAW - pipe; GTAW - carbon steel pipe; GTAW - low alloy and stainless steel pipe; and SMAW - stainless steel plate and pipe groove welds.	6 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER266	NCCER Industrial Maintenance Mechanic - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Industrial Maintenance Mechanic - Level 4 credential measures knowledge and skills in preventive and predictive maintenance; advanced blueprint reading; compressors and pneumatic systems; reverse alignment; laser alignment; introduction to supervisory skills; troubleshooting and repairing pumps; troubleshooting and repairing gearboxes.	8 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCCER267	NCCER Industrial Maintenance, Electrical & Instrumentation Technician - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	The Industrial Maintenance, Electrical & Instrumentation Technician - Level 4 credential measures knowledge and skills in standby and emergency systems; basic process control elements, transducers and transmitters; instrument calibration and configuration; pneumatic control valves, actuators, and positioners; performing loop checks; troubleshooting and commissioning a loop; process control loops and tuning; data networks; programmable logic controllers; and distributed control systems.	10 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	www.nccer.org	
NCDLT001	Certified Dental Technician	National Board for Certification in Dental Laboratory Technology	The Certified Dental Technician certification measures knowledge and skills in ceramics, complete dentures, crown & bridge, orthodontics, partial dentures and implants.	3 exams required (Written Comprehensive exam; Written Speciality exam and the Practical exam)	None	None	All 3 exams must be passed within 4 years of the date of the first exam passed.	www.nbccert.org/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
NCFCT001	Certified ECG Technician	National Center for Competency Testing	The Certified ECG Technician certification measures knowledge and skills in medical terminology; anatomy; physiology; rhythm; and basic interpretation.	1 exam required; 150 questions (125 scored/25 pretest); 3 hours	A candidate must be a current student in an ECG Technician program from an NCCT (authorized) school, OR graduate from an ECG Technician program from an NCCT (authorized) school within the past FIVE years; OR one year of verifiable full-time experience as an ECG Technician practitioner within the past FIVE years.	None	None	www.ncctinc.com	
NCFCT003	Certified Phlebotomy Technician	National Center for Competency Testing	The Certified Phlebotomy Technician certification measures knowledge and skills in venipuncture, micro-collection, and specimen processing and handling while maintaining patient safety and confidentiality.	1 exam required; 125 scored items; 3 hours	None	None	None	www.ncctinc.com	
NCFCT004	Tech in Surgery - Certified (NCCT)	National Center for Competency Testing	The Tech in Surgery - Certified certification measures knowledge and skills for various tasks pre, intra, and post operatively. They maintain asepsis during surgery, anticipating the surgeon's needs while remaining attentive to all aspects of the surgical procedure to ensure a safe environment for the patient.	1 exam required; 175 scored items; 4 hours	None	None	None	www.ncctinc.com	
NCFCT005	Medical Assistant	National Center for Competency Testing	The Medical assistant certification measures knowledge and skills to direct patient care and preparation, ECG, phlebotomy, and pharmacology while maintaining patient safety and confidentiality. Medical assistants also perform administrative duties such as scheduling appointments, maintaining patient records, bookkeeping, and billing and insurance processing.	1 exam required; 150 scored items; 3 hours	None	None	None	www.ncctinc.com	
NCMCA001	Certified Board for Sterile Processing and Distribution	National Commission for Certifying Agencies	The Certified Board for Sterile Processing and Distribution certification measures knowledge and skills to assist in surgical operations, prepare operating rooms, arrange equipment, and help doctors during surgeries.	1 exam required; 100 multiple choice; 2 hours; minimum passing score of 70	None	None	None	www.sterileprocessing.org/technician.htm	
NCSAF001	Certified Strength Coach	National Council on Strength and Fitness (NCSF)	The National Council on Strength and Fitness (NCSF) - Certified Strength Coach certification measures individual's knowledge in functional anatomy and biomechanics; sport metabolism; performance assessment and evaluation; nutrition and ergogenic aids; training techniques for athletic performance; advanced programming for sport; injury prevention and return to competition; professionalism and risk management.	1 exam required; 3 hour time limit with 150 multiple choice questions. A passing score is 70% or better.	Exam candidates must have at least one of the following requirements to be eligible for the exam: A current NCSF-CPT certification, or A current NCCA-accredited fitness professional certification or An associate's degree or higher from an accredited college or university in an exercise profession or related field	None	None	www.ncsf.org	Yes
NCSAF002	Certified Personal Trainer	National Council on Strength and Fitness (NCSF)	The National Council on Strength and Fitness (NCSF) - Certified Personal Trainer certification measures individual's knowledge in basic anatomy, exercise physiology, health screening and evaluation, nutrition and weight management, exercise prescription, and special populations.	1 exam required; 3 hour time limit with 150 multiple choice questions. A passing score is 70% or better.	Candidates must be at least 18 years of age, and possess a high school diploma or equivalent.	Work experience is not required, but it is beneficial to have a minimum level of practical experience working in the health and fitness field.	None	www.ncsf.org	Yes
NCSAF003	Sport Nutrition Specialist	National Council on Strength and Fitness (NCSF)	The National Council on Strength and Fitness (NCSF) - Sport Nutrition Specialist certification measures individual's knowledge in nutrients and intakes; physiological aspects of nutrition; macronutrients; micronutrients and supplementation; nutrition and physiological adaptations to exercise.	1 exam required; 3 hour time limit with 150 multiple choice questions. A passing score is 70% or better.	Exam candidates must have at least one of the following requirements to be eligible for the exam: A current NCSF certification, or A current NCCA-accredited fitness certification, or A license and/or certification in an Allied Health Profession or A Teacher specific State-issued Certification or License	None	None	www.ncsf.org	Yes

2017-2018 CAPE Postsecondary Industry Certification Funding List

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NCSBN001	National Licensed Registered Nurse (NCLEX-RN)	National Council of State Boards of Nursing	The National Licensed Registered Nurse (NCLEX-RN) exam measures knowledge and skills to monitor, record, and report symptoms or changes in patients' conditions; maintain accurate, detailed reports and records; record patients' medical information and vital signs; order, interpret, and evaluate diagnostic tests to identify and assess patient's condition; modify patient treatment plans as indicated by patients' responses and conditions; direct or supervise less-skilled nursing or healthcare personnel or supervise a particular unit; consult and coordinate with healthcare team members to assess, plan, implement, or evaluate patient care plans; monitor all aspects of patient care, including diet and physical activity; instruct individuals, families, or other groups on topics such as health education, disease prevention, or childbirth and develop health improvement programs; and prepare patients for and assist with examinations or treatments.	1 exam required; 75 to 265 questions; 6 hour time limit	A student must complete the requirements (set by the Board of Nursing (BON)) of an approved and/or accredited program/school (licensed by & meets BON expectations) and graduate.	None	None	www.ncsbn.org/nclex.htm	
NCSBN002	National Licensed Practical Nurse (NCLEX-PN)	National Council of State Boards of Nursing	The National Licensed Practical Nurse (NCLEX-PN) exam measures knowledge and skills in basic bedside care. Many LPNs measure and record patients' vital signs such as weight, height, temperature, blood pressure, pulse, and respiratory rate. LPNs also prepare and give injections and enemas, monitor catheters, dress wounds, and give alcohol rubs and massages. To help keep patients comfortable, LPNs assist with bathing, dressing, and personal hygiene, moving in bed, standing, and walking. They might also feed patients who need help eating. LPNs collect samples for testing, perform routine laboratory tests, and record food and fluid intake and output. LPNs clean and monitor medical equipment. Sometimes, they help physicians and registered nurses perform tests and procedures. LPNs also monitor their patients and report adverse reactions to medications or treatments. LPNs gather information from patients, including their health history and how they are currently feeling.	1 exam required; 85 to 205 questions; 5 hour time limit	A student must complete the requirements (set by the Board of Nursing (BON)) of an approved and/or accredited program/school (licensed by & meets BON expectations) and graduate.	None	None	www.ncsbn.org/nclex.htm	
NIASE001	ASE - Advanced Engine Performance Specialist (L1)	National Institute for Automotive Service Excellence	The ASE Advanced Engine Performance Specialist (L1) certification provides an assessment of an individual's knowledge of the diagnosis and repair of computer-controlled engine systems and the cause of high-emission failures.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE005	ASE - Automatic Transmission/Transaxle (A2)	National Institute for Automotive Service Excellence	The ASE - Automatic Transmission/Transaxle (A2) 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.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE007	ASE - Brakes (A5)	National Institute for Automotive Service Excellence	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 brakes.	1 exam required; 55 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE008	ASE - Electrical/Electronic Systems (A6)	National Institute for Automotive Service Excellence	The ASE - Electrical/Electronic Systems (A6) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair electrical/electronic systems.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE009	ASE - Engine Performance (A8)	National Institute for Automotive Service Excellence	The ASE - Engine Performance (A8) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair engine performance.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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NIASE010	ASE - Engine Repair (A1)	National Institute for Automotive Service Excellence	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 engines.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE011	ASE - Heating and Air Conditioning (A7)	National Institute for Automotive Service Excellence	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 heating and air conditioning.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE012	ASE - Manual Drive Train and Axles (A3)	National Institute for Automotive Service Excellence	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 manual drive train and axles.	1 exam required; 50 questions; 60 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE014	ASE - Suspension and Steering (A4)	National Institute for Automotive Service Excellence	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 suspension and steering.	1 exam required; 50 questions; 60 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE016	ASE - Brakes (T4)	National Institute for Automotive Service Excellence	The ASE - Brakes (T4) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair brakes.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE017	ASE - Mechanical and Electrical Components (B5)	National Institute for Automotive Service Excellence	The ASE - Mechanical and Electrical Components (B5) certification identifies and recognizes those collision repair technicians and refinishers who can demonstrate knowledge of the skills necessary to make collision repairs related to mechanical and electrical components.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE018	ASE - Non-structural Analysis and Damage Repair (B3)	National Institute for Automotive Service Excellence	The ASE - Non-structural Analysis and Damage Repair (B3) certification identifies and recognizes those collision repair technicians and refinishers who can demonstrate knowledge of the skills necessary to make collision repairs related to non-structural analysis and damage repair.	1 exam required; 65 questions; 90 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE019	ASE - Damage Analysis and Estimating (B6)	National Institute for Automotive Service Excellence	The ASE - Damage Analysis and Estimating (B6) certification identifies and recognizes professionals who may not actually repair vehicles, but have the knowledge needed to assess collision damage, estimate repair costs, and work with vehicle owners.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE020	ASE - Diesel Engines (T2)	National Institute for Automotive Service Excellence	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 diesel engines.	1 exam required; 65 questions; 90 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE021	ASE - Drive Train (T3)	National Institute for Automotive Service Excellence	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 drive trains.	1 exam required; 50 questions; 60 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE023	ASE - Electrical/Electronic Systems (T6)	National Institute for Automotive Service Excellence	The ASE - Electrical/Electronic Systems (T6) 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.	1 exam required; 60 questions; 90 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE025	ASE - Gasoline Engines (T1)	National Institute for Automotive Service Excellence	The ASE - Gasoline Engines (T1) 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.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
NIASE026	ASE - Heating, Ventilation, and A/C (HVAC) (T7)	National Institute for Automotive Service Excellence	The ASE - Heating, Ventilation, and A/C (HVAC) (T7) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair HVAC.	1 exam required; 50 questions; 60 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE029	ASE - Painting and Refinishing (B2)	National Institute for Automotive Service Excellence	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 make collision repairs related to painting and refinishing.	1 exam required; 65 questions; 90 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE031	ASE - Preventive Maintenance Inspection (PMI) (T8)	National Institute for Automotive Service Excellence	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 conduct PMI.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE032	ASE - Structural Analysis and Damage Repair (B4)	National Institute for Automotive Service Excellence	The ASE - Structural Analysis and Damage Repair (B4) certification identifies and recognizes those collision repair technicians and refinishers who can demonstrate knowledge of the skills necessary to make collision repairs related to structural analysis and damage repair.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE033	ASE - Suspension and Steering (T5)	National Institute for Automotive Service Excellence	The ASE - Suspension and Steering (T5) certification provides an assessment of an individual's knowledge of the skills necessary to diagnose, service, and repair different systems of Class 4 through Class 8 trucks and tractors.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE053	ASE - Compressed Natural Gas (CNG) Engines (H1)	National Institute for Automotive Service Excellence	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.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE054	ASE - Diesel Engines (H2)	National Institute for Automotive Service Excellence	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.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE055	ASE - Drive Train (H3)	National Institute for Automotive Service Excellence	The ASE - Drive Train (H3) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair drive train.	1 exam required; 50 questions; 60 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE056	ASE - Brakes (H4)	National Institute for Automotive Service Excellence	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 brakes.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE057	ASE - Suspension and Steering (H5)	National Institute for Automotive Service Excellence	The ASE - Suspension and Steering (H5) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair suspension and steering.	1 exam required; 55 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE058	ASE - Electrical/Electronic Systems (H6)	National Institute for Automotive Service Excellence	The ASE - Electrical/Electronic Systems (H6) certification identifies and recognizes those transit bus technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair electrical/electronic systems.	1 exam required; 60 questions; 90 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE059	ASE - Heating Ventilation and Air Conditioning (HVAC) (H7)	National Institute for Automotive Service Excellence	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.	1 exam required; 50 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE060	ASE - Preventive Maintenance and Inspection (PMI) (H8)	National Institute for Automotive Service Excellence	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 conduct PMI.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com	
NIASE061	ASE - Alternate Fuels (F1)	National Institute for Automotive Service Excellence	The ASE - Alternate Fuels (F1) certification identifies and recognizes those technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair CNG vehicles.	1 exam required; 65 questions; 90 minutes	None	2 years of work experience is required.	None	www.ase.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
NIASE071	ASE - Light Vehicle Diesel Engines (A9)	National Institute for Automotive Service Excellence	The ASE - Light Vehicle Diesel Engines (A9) certification identifies and recognizes those automobile and light truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair light vehicle diesel engines.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	Technicians may substitute two years of relevant formal training for up to one year of the work experience requirement.	www.ase.com	
NIFMS003	NIMS Machining Level II - EDM - Plunge	National Institute for Metalworking Skills (NIMS)	The EDM - Plunge certification measures knowledge and skills in Electrical discharge machining (EDM) plunge operations.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org	
NIFMS004	NIMS Machining Level II - EDM - Wire	National Institute for Metalworking Skills (NIMS)	The EDM - Plunge certification measures knowledge and skills in Electrical discharge machining (EDM) Wire 2 axis operations.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org	
NIFMS007	NIMS Machining Level II - Manual Milling Skills II	National Institute for Metalworking Skills (NIMS)	The Manual Milling Skills II certification measures knowledge and skills in milling operations including squaring up a blank, precision location of holes, cutting a keyslot, cutting a deep slot, using rotary tables, dividing head operations, and boring mill operations.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org	
NIFMS012	NIMS Machining Level II - Grinding Skills II	National Institute for Metalworking Skills (NIMS)	The Grinding Skills II certification measures knowledge and skills in grinding operations including surface grinding (flats and angles), wheel preparation and balancing, and cylindrical grinding.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org	
NIFMS018	NIMS Machining Level II - Drill Press Skills II	National Institute for Metalworking Skills (NIMS)	The Drill Press Skills II certification measures knowledge and skills in drill press operations including radial drilling and machine tool power tapping; taper reaming and pipe tapping.	1 exam required, 41 questions	Performance project must be completed prior to taking exam.	None	None	www.nims-skills.org	
NIFMS019	NIMS Machining Level II - CNC Milling Skills II	National Institute for Metalworking Skills (NIMS)	The CNC Milling Skills II certification measures knowledge and skills in CNC milling including program writing and operating a CNC mill.	1 exam required, 70 questions	Performance project must be completed prior to taking exam.	None	None	www.nims-skills.org	
NIFMS020	NIMS Machining Level II - CNC Turning Skills II	National Institute for Metalworking Skills (NIMS)	The CNC Turning Skills II certification measures knowledge and skills in CNC turning including program writing and operating a CNC lathe.	1 exam required, 70 questions	Performance project must be completed prior to taking exam.	None	None	www.nims-skills.org	
NIFMS021	NIMS Industrial Technology Maintenance Level 1 Bundle (9 Exams)	National Institute for Metalworking Skills	Industrial Technology Maintenance Level 1 certification measures basic skills and knowledge in hydraulic systems, mechanical systems, pneumatic systems, electrical systems, electronic control systems, maintenance operations, maintenance piping, maintenance welding and process control systems.	9 exams required: Hydraulic Systems - 75 questions, 90 min. Mechanical Systems - 75 questions, 90 min. Pneumatic Systems - 74 questions, 90 min. Electrical Systems - 75 questions Electronic Control Systems - 75 questions Maintenance Operations - 75 questions Maintenance Piping - 75 questions Maintenance Welding - 75 questions Process Control Systems - 73 questions	None	None	None	www.nims-skills.org	Yes
NJATC001	NJATC Electrical - Level 5	National Joint Apprenticeship and Training Committee	The NJATC Electrical - Level 5 certification measures knowledge and skills in national electrical code; motor control; torque; and rigging.	1 exam required; 100 multiple choice questions; 3 hours	None	None	None	www.njatc.org	
NMTCB001	Certified Nuclear Medicine Technologist	Nuclear Medicine Technology Certification Board	The Certified Nuclear Medicine Technologist certification measures knowledge and skills in operating equipment that creates images of areas of a patient's body including preparing radioactive drugs and administering them to patients.	1 exam required; 90 questions; 55 minutes	Completion of a NMTCB recognized nuclear medicine technology program; OR completion of a certificate, associate degree or baccalaureate degree in nuclear medicine technology program from a regionally accredited academic institution. Regionally accredited college and university programs must have structured clinical training sufficient to provide clinical competency in radiation safety, instrumentation, clinical procedures, and radiopharmacy. This should require approximately 1000 hours of clinical training supervised by program faculty.	None	None	www.nmtcb.org/	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
NMTCB002	Computed Tomography (CT)	Nuclear Medicine Technology Certification Board	The Computed Tomography (CT) certification measures knowledge and skills in CT scans, a specialized X-ray procedure sometimes referred to as a CAT scan. Working under the supervision of a radiologist, CT scan technologists prepare patients for a CT scan by positioning them on the table and following safety measures to protect them from unnecessary or excess radiation. During the scan, technologists sit in a shielded room and monitor the CT scan images on the computer screen.	1 exam required; 200 multiple choice; 3.5 hours	The eligibility requirements to sit for the exam are as follows: 1) A current active NMTCB, ARRT, or CAMRT nuclear medicine technology certification OR a current active CAMRT(RT), CAMRT(RTT), ARRT(R) or ARRT(T) certification. 2) A minimum of 500 total clinical hours in PET/CT, SPECT/CT and/or CT. (Please download and complete the NMTCB Clinical Hours Verification Form.) 3.) The completion of a minimum of thirty five (35) contact hours within the three years prior to application including a minimum of four (4) hours of each of the following categories: Contrast administration, Cross-sectional anatomy, X-ray physics, CT radiation safety.	None	None	www.nmtcb.org/	
NNCCO001	Certified Clinical Hemodialysis Technician	Nephrology Nursing Certification Commission	The Certified Clinical Hemodialysis Technician certification measures knowledge and skills to operate machines that remove wastes, salts, and extra water from patients' blood while keeping safe levels of certain chemicals.	1 exam required; 150 questions; 180 minutes; minimum score of 70%-75% or higher required (depending on version of test)	Applicant must have a minimum of 2000 hours of work experience as a hemodialysis patient care technician within the two-year period of certification.			www.nncc-exam.org/	
NREMT001	Emergency Medical Technician (EMT)	National Registry of Emergency Medical Technicians	The Emergency Medical Technician (EMT) certification verifies that an individual is trained and certified to appraise and initiate the administration of emergency care for victims of trauma or acute illness before or during transportation of victims to a health care facility.	2 exams required (cognitive and psychomotor); Cognitive exam: online; 70-120 questions; 2 hours; Psychomotor exam: Individual must demonstrate competence (performance based).	None	None	None	www.nremt.org	
NSTSA001	Certified Surgical Technologist (CST)	National Board of Surgical Technologist and Surgical Assisting	The Certified Surgical Technologist (CST) measures knowledge and skills to assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel including to help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeon's assistants, hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments.	1 exam required, 200 questions (175 scored/25 pretest)	Must be a graduate of a surgical technology program accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) or Accrediting Bureau of Health Education Schools (ABHES).	None	None	www.nbtsa.org/	
NSTSA002	Certified Surgical First Assistant (CSFA)	National Board of Surgical Technologist and Surgical Assisting	Certified Surgical First Assistant (CSFA) measures knowledge and skills common to competent entry-level Surgical First Assistants. Subject areas covered include pre-operative care; intra-operative procedures; post-operative procedures; administrative and personnel duties; equipment, sterilization and maintenance; advanced anatomy and physiology; advanced principles of microbiology and surgical pharmacology and anesthesia.	1 exam required, 200 questions (175 scored/25 pretest)	Must be a graduate of a surgical first assisting program accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).	None	None	www.nbtsa.org/	Yes
ORACL001	Oracle Certified Associate (OCA): Database	Oracle Corporation	The Oracle Certified Associate (OCA): Database certification measures knowledge and skills to deliver the benefits of grid computing with more self-management and automation in an advanced database management system.	1 of 3 exams required (SQL 1Z0-007, SQL Fundamentals 1Z0-051, or Oracle Database SQL Expert 1Z0-047); Also, Administration I: 1Z0-052 is required	None	None	None	www.oracle.com	
ORACL002	Oracle Certified Professional (OCP): Database	Oracle Corporation	The Oracle Certified Professional (OCP): Database certification measures advanced knowledge and skills for development and deployment of backup, recovery and Cloud computing strategies.	1 exam (Administration II 1Z0-053 exam) required	None	None	None	www.oracle.com	
ORACL003	Oracle Certified Master (OCM): Database	Oracle Corporation	The Oracle Certified Master (OCM): Database certification measures expert knowledge and skills for development and deployment of backup, recovery and Cloud computing strategies.	1 exam required	None	None	None	www.oracle.com	
ORACL004	Oracle Certified Associate (OCA): Java Programmer	Oracle Corporation	The OCA Java Programmer certification is designed for individuals who possess a strong foundation in the Java Programming language. This certification covers the fundamentals of Java programming, such as the significance of object-oriented programming and the steps to create simple Java technology programs.	1 of 2 exams required (specific to the Java version); Java SE5/SE 6 exam (1Z0-850), Java SE7 exam (1Z0-803)	None	None	None	www.oracle.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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
ORACL005	Oracle Certified Professional (OCP): Java Programmer	Oracle Corporation	The OCP Java Programmer certification is designed for individuals who possess a strong foundation in the Java Programming language as well as proven skill in creating Java technology programs. This certification covers core Application Programming interfaces used to design object-oriented applications with Java, as well as insight into Java applications such as those that manipulate files, directories and file systems.	1 of 3 exams required (specific to the Java version); OCP Java SE5 exam (1Z0-853), OCP Java SE6 exam (1Z0-851), OCP Java SE7 exam (1Z0-804)	None	None	None	www.oracle.com	
ORACL006	Oracle Certified Master (OCM): Java Developer	Oracle Corporation	The OCM Java Developer certification is designed for individuals who have mastered the Java programming language as well as creating Java technology programs. This certification covers application programming interfaces used to design object-oriented applications with Java, as well as Java applications used to manipulate files, directories and file systems.	2 part exam required (practical requirement and essay exam)	None	None	None	www.oracle.com	
ORACL007	Oracle Certified Expert (OCE): Database SQL	Oracle Corporation	The Oracle Database SQL Certified Expert certification measures knowledge and skills for working with the SQL programming language and the key concepts of a relational database. SQL Experts understand how to use the advanced features of SQL in order to query and manipulate data within the database, control privileges at the object and system level, and use advanced querying and reporting techniques. They are able to manipulate large data sets and understand storing and retrieving dates according to different time zones. They are also knowledgeable about the concepts of controlling access and privileges for schema objects.	1 exam (1Z0-047) required; 70 questions; 2 hours; minimum score of 66% or greater required	None	None	None	www.oracle.com	
PRMIN001	Project Management Professional (PMP)	Project Management Institute	The Project Management Professional (PMP) certification measures knowledge and skills in leading and directing project teams. PMPs have the knowledge, experience, and skills to bring projects to successful completion. Professionals with a PMP certification are responsible for all aspects of a project and use leadership to direct cross-functional teams to deliver projects within the constraints of schedule, budget, and scope.	1 exam required; 200 multiple choice questions; 4 hours	None	Individuals with less than a four year degree, must have a secondary degree (high school diploma, associate's degree, or the global equivalent) with at least five years of project management experience, with 7,500 hours leading and directing projects and 35 hours of project management education.	None	www.pmi.org	
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	Certification Partners	The Certified Internet Web (CIW) E-Commerce Specialist certification measures knowledge and skills on how to conduct business online and manage the technical issues associated with constructing an e-commerce Web site. Individuals learn about the similarities and differences between traditional and electronic commerce, and will explore e-commerce technologies at various levels of sophistication.	1 exam required	None	None	None	www.ciwcertified.com	
PROSO006	Certified Internet Web (CIW) Database Design Specialist	Certification Partners	The Certified Internet Web (CIW) Database Design Specialist certification measures knowledge and skills to plan and design relational databases including relational database nomenclature and relational algebra.	1 exam required	None	None	None	www.ciwcertified.com	
PROSO010	Certified Internet Web (CIW) Web Security Professional	Certification Partners	The CIW Web Security Professional series certification measures knowledge and skills to configure, manage and deploy e-business solutions servers, and implement e-business and network security solutions.	1 exam required	None	None	None	www.ciwcertified.com	
PROSO017	Certified Internet Web (CIW) JavaScript Specialist	Certification Partners	The Certified Internet Web (CIW) JavaScript Specialist certification measures knowledge and skills on how to use the features of the JavaScript language to design client-side, platform-independent solutions. Individuals learn how to write JavaScript programs, script for the JavaScript object model, control program flow, validate forms, animate images, target frames, and create cookies. Individuals will also understand and use the most popular applications of JavaScript.	1 exam required	None	None	None	www.ciwcertified.com	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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PROSO019	Certified Internet Web (CIW) Perl Specialist	Certification Partners	The Certified Internet Web (CIW) Perl Specialist certification measures knowledge and skills to utilize the Perl programming language including Perl syntax, the basics of using regular expression, how to use Perl data types, and how to access and manipulate files.	1 exam required	None	None	None	www.ciwcertified.com	
PROSO021	Certified Internet Web (CIW) Web Design Professional	Certification Partners	The Certified Internet Web (CIW) Web Design Professional certification requires individuals to prove their understanding in the areas of web site design and e-commerce. 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-to-business and business-to-consumer e-commerce web sites.	2 exams required (CIW Web Design Specialist and CIW E-Commerce Specialist)	None	None	None	www.ciwcertified.com	
PROSO022	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. General topics include web site development essentials (such as the site development process, customer expectations, and ethical and legal issues in web development), web design elements (such as aesthetics, the site user's experience, navigation, usability and accessibility), Basic web technologies (such as basic Hypertext Markup Language [HTML], Extensible HTML [XHTML] and extended technologies, image files, GUI 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).	1 exam required	None	None	None	www.ciwcertified.com	
PROSO023	Certified Internet Web (CIW) Web Development Professional	Certification Partners	The CIW Web Development Professional certification measures knowledge and skills in front-end scripting language, a back-end programming language and the skills to integrate with a database.	3 exams required (CIW JavaScript Specialist, CIW Perl Specialist, and CIW Database Design Specialist)	None	None	None	www.ciwcertified.com	
PROSO026	Certified Internet Web (CIW) Web Security Specialist	Certification Partners	The Certified Internet Web (CIW) Web Security Specialist certification measures knowledge and skills to secure networks from unauthorized activity including security principles, such as establishing an effective security policy, and about the different types of hacker activities that individuals in this field are most likely to encounter.	1 exam required	None	None	None	www.ciwcertified.com	
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	Certification Partners	The CIW Advanced HTML5 and CSS3 Specialist certification tests essential HTML5, Cascading Style Sheets (CSS) and JavaScript knowledge. These technologies, known as the Web development trifecta, provide Web pages that easily adapt to smartphones, tablets, gaming devices and smart TVs, and traditional PCs.	2 exams required (CIW Advanced HTML5 and CSS3 Specialist)	None	None	None	www.ciwcertified.com	
PTCBD001	Pharmacy Technician	Pharmacy Technician Certification Board	The Pharmacy Technician certification measures knowledge and skills needed to assist pharmacists to prepare and dispense prescriptions.	1 exam required; 90 multiple choice questions; 110 minutes	Individuals must have a high school diploma or GED; no felony convictions; no drug or pharmacy related convictions, no restriction or admission of misconduct or violation of regulation by any State Board of Pharmacy.	None	None	www.ptcb.org	
SMFEN001	Lean Bronze Certification (LBC)	Society of Manufacturing Engineers	The Lean Bronze Certification (LBC) certification measures knowledge of basic lean principles and tools, and ability in tactical implementation that drives improvement and shows measurable results.	1 exam required; 150 questions; complete a portfolio that outlines and documents 5 Lean projects and a summary of those projects.	To be eligible to take the LBC requires two academic quarters or equivalent of time spent in the study of Lean.	Minimum 1 year of industry work experience; minimum 6 months of experience of directly related to Lean implementation (total experience must equal 4 years of combined industry experience, Lean experience and academic study).	None	www.sme.org	
SMRPRO01	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.	1 exam required; 175 multiple choice questions; 4 hours	Candidates must schedule and take an examination within six months of the date they make application and are made eligible to sit for it.	None	None	www.smrp.org	

2017-2018 CAPE Postsecondary Industry Certification Funding List

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SOLID004	Certified Solidworks Professional-Academic (CSWP-Academic)	Dassault Systems Solidworks Corporation	The CSWP - Academic certification measures advanced knowledge and skills of engineering design principles and practices focusing on Parts, Assemblies, and Drawings.	1 exam required; 3.5 hours	None	None	Intended for individuals with a minimum of 1 to 2 years of SOLIDWORKS experience and advanced knowledge of engineering practices.	www.solidworks.com	
SPACE001	Aerospace Technician	SpaceTec	The Aerospace Technician certification measures knowledge and skills for successful entry level employment of aerospace technicians who manufacture, assemble, service, test, operate, maintain, or repair systems associated with expendable and reusable space launch vehicles, payloads, related laboratories, and ground support equipment.	1 exam required (3 parts: Written, Oral and Practical); 70 questions	An individual must meet at least one of the following verifiable criteria to sit for the exam: have a two year technical college program degree; have/had a two year technical military assignment; hold a FAA Airframe/Powerplant certificate; or have two or more years of on the job training and experience in the Aerospace industry.	None	None	www.spacetec.us	
TAFLO01	Accredited Legal Professional (ALP)	NALS...the Association for Legal Professionals	The Accredited Legal Professional (ALP) certification demonstrates an individual's preparedness for the field of law. This certification demonstrates ability to perform business communication tasks; gauges ability to maintain office records and calendars, and prioritize multiple tasks when given real-life scenarios; measures understanding of office equipment and related procedures; denotes aptitude for understanding legal terminology, legal complexities, and supporting documents; appraises knowledge of law office protocol as prescribed by ethical codes.	1 exam required; 4 hours	None	None	None	www.nals.org	
TAFOM001	Certified in Production and Inventory Management (CPIM)	American Production and Inventory Control Society (APICS)	The Certified in Production and Inventory Management (CPIM) certification measures knowledge and skills in the latest production and inventory management techniques and trends, including production planning, materials and capacity requirements planning, just in time, and systems and technologies.	5 exams required	None	None	None	www.apics.org	
VMWRE004	VMware Certified Professional - Data Center Virtualization	VMWare	VMware Certified Professional - Data Center Virtualization certification measures users' skill level in implementing, managing and installing virtual data center environments using best practices.	1 exam, 70 questions, 105 minutes	Must attend one training course at an authorized training center and pass the vSphere 6 or 6.5 Foundations Exam.	None	None	https://mylearn.vmware.com/mgr/Reg/plan.cfm?plan=101013&ui=ww_cert	Yes

¹ Per s.1008.44(3), F.S., waivers of requirements for industry certifications are noted in this column.

² Per the requirements in s. 1011.80, F.S.