DOE Code	Certification/Credential Title	Issuing Organization/Provider	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	Certification/Credential Description	Written Exam Requirements	Other Requirements (Age, program completion, etc.)	Work Experience	Additional Information	Agency Website
ABAYC003	Marine Electrical Certification	American Boat & Yacht Council	CAPE Industry Certification	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/
ACFED006	Certified Fundamentals Cook	American Culinary Federation	CAPE Industry Certification	The Certified Fundamentals Cook certification tests competencies in recipes, knife skills, equipment, sanitation and safety, food preparation, various food types, culinary nutrition, math, employability skills and dining service.	1 written exam required, minimum passing score of 70%. 1 performance exam required, minimum passing score of 75%	One of the following is required: 1. High school diploma or GED 2. 75 Continuing Education Hours 3. Graduation from an ACFEF Secondary Program	None	Certification requires written and performance certification assessments.	www.acfchefs.org/ACF/Certify/ACF/Certify/
ACSMD002	Certified Personal Trainer	American College of Sports Medicine	CAPE Industry Certification	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	certification.acsm.org/
ADESK002	Autodesk Certified User - AutoCAD	Autodesk	CAPE Industry Certification	The Autodesk Certified User - AutoCAD certification measures users' knowledge of the AutoCAD software product. AutoCAD allows an individual to design, visualize, and document their ideas.	1 exam required; 30 questions; 50 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Autodesk/ACP/Certify/Autocad
ADESK008	Autodesk Certified User - Revit Architecture	Autodesk	CAPE Industry Certification	The Autodesk Certified User Revit Architecture certification measures professional users' knowledge of the tools, features, and common tasks of Revit Architecture. This modeling software allows users 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; 30 questions; 50 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Autodesk/ACP/Certify/Revit
ADESK011	Autodesk Certified User - Inventor	Autodesk	CAPE Industry Certification	The Autodesk Certified User - Inventor certification measures users' knowledge and technical skills for the Inventor product, which provides a comprehensive set of design tools for producing, validating, and documenting complete digital prototypes.	1 exam required; 30 questions; 50 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Autodesk/ACP/Certify/Inventor
ADESK021	Autodesk Certified Professional - AutoCAD	Autodesk	CAPE Industry Certification	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
ADESK023	Autodesk Certified Professional - AutoCAD Civil 3D	Autodesk	CAPE Industry Certification	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	CAPE Industry Certification	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	CAPE Industry Certification	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
ADESK029	Autodesk Certified Professional - 3ds Max	Autodesk	CAPE Industry Certification	The Autodesk 3DS Max certification measures professional users' knowledge of the 3DS Max product, which is a 3D computer graphics program for making 3D animations, models, games and images.	1 exam required; 120-minute performance based test with 35 questions.	None	None	None	www.autodesk.com
ADESK030	Autodesk Certified User - Maya	Autodesk	CAPE Industry Certification	The Autodesk Maya Certified User exam tests competency in 3D modeling and animation. The exam covers the basic use of the Maya software as well as basic computer modeling and animation practices. An individual earning this certification has approximately 150 hours of instruction and hands-on experience with the product, has proven competency at an industry entry-level and is ready to enter into the job market.	1 exam required; 30 questions; 75 minutes	None	None	None	www.autodesk.com/certification
ADESK031	Autodesk Certified User - 3ds Max	Autodesk	CAPE Industry Certification	The Autodesk Certified User - 3ds Max certification measures competencies in navigating the user interface and managing scenes, modeling, rigging, working with cameras and lighting, handling materials and animating and rendering.	1 exam required; 30 questions; 75 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Autodesk/ACP/Certify/3DS-Max
ADESK032	Autodesk Certified User - Fusion 360	Autodesk	CAPE Industry Certification	Autodesk Fusion 360 integrates design, engineering and manufacturing into a single platform. The Autodesk Fusion 360 Certified User exam tests competencies in sketching, drawing, sculpting, direct modeling, assembly modeling, advanced modeling and part modeling.	1 exam required; 30 questions; 50 minutes	None	None	None	https://academy.autodesk.com/about-us/certification
ADESK033	Autodesk Certified Associate in CAD for Mechanical Design	Autodesk	CAPE Industry Certification	The Autodesk Certified Associate in CAD for Mechanical Design certification tests competencies in mechanical design skills for jobs as CAD technicians and mechanical designers in a competitive environment. This exam covers common skills that can be applied across a wide range of engineering and design industries, including aeronautical, aerospace, defense, automotive, mechanical, industrial design, manufacturing, medical and energy. Skills covered include drawing and organizing objects, project setup, 3D component modeling, 3D assembly modeling and management and technical detailed drawing creation.	1 exam required; 120 minutes; 45-60 questions	None	None	None	https://www.autodesk.com/certification/all-certifications/cad-mechanical-design-associate
ADESK034	Autodesk Certified Associate in CAM 2.5 Axis Milling for Machinists	Autodesk	CAPE Industry Certification	The Autodesk Certified Associate in CAM for 2.5 Axis Milling certification tests competencies in computer-aided manufacturing (CAM) skills for 2.5 axis milling and prepares candidates for jobs as computer numerical control (CNC) programmer machinists in a competitive environment. This exam covers common skills that can be applied across a wide range of industries, including aeronautical, aerospace, defense, automotive, general manufacturing and medical. Skills covered include drawing and organizing objects; planning manufacturing processes; CAD modeling and model preparation, creating and simulating CNC milling toolpaths and creating documents for setting up and running a CNC mill.	1 exam required; 120 minutes; 45-60 questions	None	None	None	https://www.autodesk.com/certification/all-certifications/cam-axis-milling-associate
ADOBE023	Adobe Certified Professional in Video Design (Requires Premiere Pro and After Effects or Photoshop)	Adobe Systems	CAPE Industry Certification	The Adobe Certified Associate (ACA) Video Design Specialist certification tests competencies in working in the video industry; project setup and interface; organizing video projects; creating and modifying visual elements; and publishing digital media.	2 exams required: Premiere Pro AND After Effects OR Photoshop	None	None	None	https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Adobe-Certified-Professional
ADOBE024	Adobe Certified Professional in Visual Design (Requires Photoshop and Illustrator or InDesign)	Adobe Systems	CAPE Industry Certification	The Adobe Certified Associate (ACA) Visual Design Specialist certification measures knowledge and skills to plan, design, build, and maintain effective communications by using different forms of digital media. Photoshop enables users to animate video frames, paint and clone over multiple video frames, and import and export video files in a wide range of formats, engaging user experiences that create more accurate composites.	2 exams required: Photoshop AND Illustrator OR InDesign	None	None	None	https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Adobe-Certified-Professional
ADOBE025	Adobe Certified Professional in Web Design (Requires Dreamweaver and Animate or Photoshop)	Adobe Systems	CAPE Industry Certification	Adobe Certified Associate (ACA) Web Design Specialist certification tests competencies in the use of the Dreamweaver web development tool which enables users to efficiently design, develop and maintain standards-based websites and applications.	2 exams required: Dreamweaver AND Animate OR Photoshop	None	None	None	https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Adobe-Certified-Professional
AMAMA001	Certified Medical Assistant (CMA)	American Association of Medical Assistants	CAPE Industry Certification	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

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AMDDA002	Certified Apprentice Drafter - Architectural	American Design Drafting Association	CAPE Industry Certification	The Certified Apprentice Drafter - Architectural certification measures knowledge and skills in professional drafting practices in the workplace; drafting equipment; architectural sketching; lines; architectural products; site layout; drawing identification; floor plan layout (including HVAC, plumbing, and electrical plans); roof plans; framing; foundation plans; building codes and governing bodies; schedules, doors, windows and finishes; estimations, specifications and calculations, and definitions and building materials.	1 exam required; 120 minutes; 400 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
AMDDA003	Certified Drafter - Architectural	American Design Drafting Association	CAPE Industry Certification	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	CAPE Industry Certification	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
AMDDA005	Certified Apprentice Drafter - Mechanical	American Design Drafting Association	CAPE Industry Certification	The Certified Apprentice Drafter - Mechanical certification measures knowledge and skills in abbreviations, terms and identification; drafting equipment, media and reproduction; shapes, lettering and geometric symbology; dimensioning and notations; orthographic projections; geometric construction and descriptive geometry; multi-view drawing; sectional views; auxiliary views; pictorials; basic welding; basic tolerancing; basic math and geometry and drafting math; drawing implementation, identification, numbering and drawing management; and professional drafting practices in the workplace.	1 exam required; 180 minutes; 395 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
AMEDT004	Registered Medical Assistant (RMA)	American Medical Technologists (AMT)	CAPE Industry Certification	The Registered Medical Assistant certification exam tests knowledge of anatomy and physiology; administrative medical assisting; clinical medical assisting; and clinical patient interaction.	1 exam required	Applicant shall be a recent graduate of, or be scheduled to graduate from, either an accredited medical assisting program or a medical assistant program that is housed within an accredited institution, provided that in the latter case the program include a minimum of 720 clock-hours (or equivalent) of training, including 160 hours of clinical externship (or as required by state law).	None	None	www.americanmedtech.org
AMEDT005	Registered Phlebotomy Technician (RPT)	American Medical Technologists (AMT)	CAPE Industry Certification	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
AMMSA001	Food Safety and Science Certification	American Meat Science Association	CAPE Industry Certification	The Food Safety and Science Certification exam tests competencies in food chemistry principles; food handling, packaging and storage procedures; food safety and sanitation methods; and hazard analysis critical control point (HACCP) systems.	1 exam required; 100 questions	None	None	None	https://www.icevonline.com/industry-certifications/amsa-food-safety-science
AMSPT002	Certified Phlebotomy Technician	American Society of Phlebotomy Technicians	CAPE Industry Certification	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
APPLE021	Apple App Development with Swift Certification Level 1	Apple, Inc.	CAPE Industry Certification	The Apple App Development with Swift Certification Level 1 tests competencies in foundational skills with Swift, Xcode, and app development tools. Individuals are expected to have completed at least 150 hours of instructional time before taking the certification exam.	1 exam required; 45 questions; 50 minutes	None	None	None	www.certiport.com/apple
AWELD003	AWS Certified Welder - FCAW Plate	American Welding Society	CAPE Industry Certification	AWS Certified Welder – Flux Core Arc Welding (FCAW) Plate is a basic structural practical hands-on guild-welding test certification. It measures a welder's skill to deposit sound weld metal in the 3G vertical position on V-groove 3/8" plate with backing plate using an E71T filler wire from the root, fill, to the cap passes. AWS – D1.1 Structural codes and procedures governs the 3/8" plate test for qualification and certification. This test shall-be inspected using both (NDT) Non- Destructive testing (VT) Visual Testing, coupled with a guided bend test to determine if the weld test meets the criteria of the governing codes and procedures.	Performance-based exam is taken at an AWS Accredited Test Facility, where the candidate deposits a sound weld that is inspected by an AWS Certified Welding Inspector (CWI). The candidate's ability to adhere to the Welding Procedure Specification, selected from AWS QC7 Supplements, Includes fit-up, assembly and positioning.	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	https://www.aws.org/certification/page/certified-welder-program
AWELD004	AWS Certified Welder - GMAW Plate	American Welding Society	CAPE Industry Certification	AWS Certified Welder – Gas Metal Arc Welding (GMAW) Plate is a basic structural practical hands-on guild-welding test certification. It measures a welder's skills to deposit sound weld metal in the 3G vertical position on open V-groove 3/8" plate with or without backing plate using ER70S-X filler metal from the root, fill, to the cap passes. Note: 3G vertical root will be downhill with the remainder fill and cap up-hill. AWS – D1.1 Structural codes and procedures governs the 3/8" plate test for qualification and certification. This test shall be inspected using both (NDT) Non-Destructive testing (VT) Visual Testing, coupled with a guided bend test to determine if the weld test meets the criteria of the governing codes and procedures.	Performance-based exam is taken at an AWS Accredited Test Facility, where the candidate deposits a sound weld that is inspected by an AWS Certified Welding Inspector (CWI). The candidate's ability to adhere to the Welding Procedure Specification, selected from AWS QC7 Supplements, Includes fit-up, assembly and positioning.	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	https://www.aws.org/certification/page/certified-welder-program
AWELD011	AWS Certified Welder - SMAW Pipe	American Welding Society	CAPE Industry Certification	AWS Certified Welder – Shielded Metal Arc Welding (SMAW) Pipe is considered a Class B pipe welder certification. This is a hands-on guild-welding test and it measures a welder's skill to deposit sound weld metal in an all in one 6G position on 6" Schedule 40 pipe. On the root portion of the test will be welded with E6010 and the remainder fill and cap will be welded with E7018. (ASME) American Society of Mechanical Engineers - Section 1 X Boiler and Pressure Vessel Codes and procedures, governs the 2"- pipe weld test for qualification and certification. This pipe test shall-be inspected using both (NDT) Non- Destructive testing (VT) Visual Testing, and or x-ray, coupled with a guided bend test to determine if the weld test meets the criteria of the governing codes and procedures.	Performance-based exam is taken at an AWS Accredited Test Facility, where the candidate deposits a sound weld that is inspected by an AWS Certified Welding Inspector (CWI). The candidate's ability to adhere to the Welding Procedure Specification, selected from AWS QC7 Supplements, Includes fit-up, assembly and positioning.	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	https://www.aws.org/certification/page/certified-welder-program

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AWELD012	AWS Certified Welder - SMAW Plate	American Welding Society	CAPE Industry Certification	AWS Certified Welder – Shielded Metal Arc Welding (SMAW) Plate is a basic structural practical hands-on guild-welding test certification. It measures a welder's skills to deposit sound weld metal in the 3G vertical position on open V-groove 3/8" plate with or without backing plate using an E6010 for the open root portion and an E7018 for the remainder passes fill and cap. AWS – D1.1 Structural codes and procedures governs the 3/8" plate test for qualification and certification. This test shall be inspected by using both (NDT) Non- Destructive testing (VT) Visual Testing, coupled with a guided bend test to determine if the weld test meets the criteria of the governing codes and procedures.	Performance-based exam is taken at an AWS Accredited Test Facility, where the candidate deposits a sound weld that is inspected by an AWS Certified Welding Inspector (CWI). The candidate's ability to adhere to the Welding Procedure Specification, selected from AWS QC7 Supplements, Includes fit-up, assembly and positioning.	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	https://www.aws.org/certification/page/certified-welder-program
CARCH002	Chief Architect Certified Apprentice	Chief Architect, Inc.	CAPE Industry Certification	The Chief Architect Certified Apprentice certification measures knowledge and skills for demonstrating competency in the areas of home design and interior design.	1 exam required; half day, hands on use of the program with fill-in-the-blank questions from 20 competency areas.	None	None	None	www.chiefarchitect.com
CERHB001	Biotechnician Assistant	Center for Excellence for Regenerative Health Biotechnology at University of Florida	CAPE Industry Certification	The Biotechnician Assistant Credentialing Exam (BACE) is a certification designed to assess core skills and knowledge sets identified by industry, and represented within the academic and performance standards of Florida's secondary Biotechnology program.	1 exam required; passing score of 80% or greater (written and practical sections of exam)	None	None	None	biotility.research.ufl.edu/
CERTI802	IC3 Spark	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 Spark certification measures knowledge and skills about the use of computers, devices, and the Internet for those individuals looking to enhance or validate their digital skills.	1 exam required; 50 minutes; 45 questions	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CERTI803	IC3 - Computing Fundamentals	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 - Computing Fundamentals certification measures knowledge and skills for a foundational understanding of computer hardware, software, operating systems, peripherals, and troubleshooting. It also includes Mobile Device and Cloud Computing concepts.	1 exam required; 45 questions (performance based and linear)	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CERTI804	IC3 - Key Applications	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 - Key Applications certification measures knowledge and skills for the most common features of spreadsheet, word processing, and presentation applications. It includes app culture elements that will help the individual understand how to obtain and maximize the use of some of today's most popular apps.	1 exam required; 45 questions (performance based)	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CERTI805	IC3 - Living Online	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 - Living Online certification measures knowledge and skills to help users understand how to effectively use the Internet or work in a networked environment and maximize communication, education, collaboration, and social interactions in a safe and ethical way. It includes social media, calendaring, streaming, and online conferencing elements.	1 exam required; 45 questions (performance based and linear)	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CERTI806	IC3 Digital Literacy Level 1	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 Digital Literacy Level 1 exam certifies that candidates have the foundational knowledge and basic competencies of Digital Literacy across seven competency domains. Competencies tested include technology basics; digital citizenship; information management; content creation; communication; collaboration; and safety and security.	1 exam required; 45 questions; 50 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CERTI807	IC3 Digital Literacy Level 2	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 Digital Literacy Level 2 exam certifies a candidate's ability to do essential tasks in an online environment and within core applications across the seven objective domains. Competencies tested include technology basics; digital citizenship; information management; content creation; communication; collaboration; and safety and security.	1 exam required; 45 questions; 50 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CERTI808	IC3 Digital Literacy Level 3	Certiport, A Pearson VUE Business	CAPE Digital Tool Certificate	The IC3 Digital Literacy Level 3 exam certifies a candidate's mastery of digital literacy and their ability to manage systems, collaborate, and troubleshoot while providing guidance to others. Competencies tested include technology basics; digital citizenship; information management; content creation; communication; collaboration; and safety and security.	1 exam required; 40 questions; 50 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/IC3/Digital-Literacy-Certification/Overview
CISCO026	Cisco Certified Network Associate (CCNA)	Cisco Systems, Inc.	CAPE Industry Certification	The Certified Network Associate certification exam tests competencies in network fundamentals, network access, IP connectivity, IP services, security fundamentals, and automation and programmability.	1 exam required (200-301 CCNA); 120 minutes	None	None	None	www.cisco.com
COMPT001	CompTIA A+	Computing Technology Industry Association (CompTIA)	CAPE Industry Certification	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
COMPT005	CompTIA Linux+	Computing Technology Industry Association (CompTIA)	CAPE Industry Certification	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)	CAPE Industry Certification	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)	CAPE Industry Certification	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)	CAPE Industry Certification	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)	CAPE Industry Certification	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
COMPT016	CompTIA Cybersecurity Analyst (CySA+)	Computing Technology Industry Association (CompTIA)	CAPE Industry Certification	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
COMPT018	CompTIA IT Fundamentals+	Computing Technology Industry Association (CompTIA)	CAPE Industry Certification	The CompTIA IT Fundamentals+ exam focuses on the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development, and database use.	1 exam required; 60 minutes; 75 multiple choice questions; passing score is 650 out of 900.	None	None	None	https://certification.comptia.org/certifications/it-fundamentals
COMPT020	CompTIA Cloud Essentials+	Computing Technology Industry Association (CompTIA)	CAPE Industry Certification	The CompTIA Cloud Essentials+ is for both IT and non-technical professionals who require the essential business acumen needed to make informed cloud service decisions. Competencies tested include knowledge and understanding of foundational business and technical components; understanding of specific security concerns; and measures and the comprehension of new technology concepts, solutions and benefits.	1 exam required (CLO-002); maximum of 75 multiple choice questions; 60 minutes; passing score of 720 (on a scale of 100-900)	None	None	Between six months to a year of work experience as a business analyst in an IT environment with some exposure to cloud technologies is recommended.	https://www.comptia.org/certifications/cloud-essentials
CPREC001	Child Development Associate (CDA)	Council for Professional Recognition	CAPE Industry Certification	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/
DIGIT802	Rapid Prototyping & 3D Design Beginner	DigitalQuest, Inc.	CAPE Digital Tool Certificate	The Rapid Prototyping & 3D Design Beginner Certification measures knowledge and skills in computer-aided drafting design and prototyping. Topics assessed include digital literacy in SolidWorks or Inventor, 3D design and concepts in additive manufacturing/3D printing.	1 exam required; 60 True/False Questions; 90 minutes	None	None	None	www.digitalquest.com
DIGIT803	GIS Essentials Certification	DigitalQuest, Inc.	CAPE Digital Tool Certificate	The GIS Essentials Certification measures proficiency in GIS technology, using ArcGIS Desktop, ArcGIS Pro, OR ArcGIS Online for the creation and analysis of maps.	1 exam required; 40 multiple choice and True/False questions; 60 minutes	None	None	None	www.digitalquest.com
DUCKS001	Ecology Conservation and Management Certification	Ducks Unlimited	CAPE Industry Certification	The Ecology Conservation and Management Certification exam tests competencies in ecological principles, species identification, wildlife conservation and management, and habitat conservation and management.	1 exam required; 100 questions	None	None	None	https://www.icevonline.com/industry-certifications/ecology-conservation-management

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ELANC001	Fundamentals of Animal Science Certification	Elanco	CAPE Industry Certification	The Fundamentals of Animal Science Certification verifies individuals have acquired the foundational knowledge and skills to pursue a career within the animal science industry. Competencies tested include general animal science, animal nutrition, animal breeding, animal management practices (beef, cattle, sheep, goat and swine), and animal health and wellness.	1 exam required; 100 questions	None	None	None	https://www.icevonline.com/industry-certifications/elanco-animal-science
ESRIC001	ArcGIS Desktop Entry	ESRI	CAPE Industry Certification	The ArcGIS Desktop Entry certification measures knowledge and skills in ArcGIS platform awareness, basic analysis tools, and coordinate systems.	1 exam required, 95 multiple choice questions with a 2 hour limit	None	None	None	www.esri.com/training/main/certification
ETAIN006	Avionics Electronics Technician	Electronics Technician Association International	CAPE Industry Certification	The Avionics Electronics Technician certification measures knowledge and skills in the following technical areas: avionics systems, cables and cabling, computers and digital concepts, amplifiers, interfacing, antennas & transmission lines, components, mathematics, network topologies and infrastructures, people relations, optical cabling, safety, test equipment & tools, satellite communications, and troubleshooting.	2 exams required; 2 hours; passing score at least 75% or greater on both exams	None	An individual with two or more years of combined work and electronics training may apply for the Journeyman exam.	None	www.eta-i.org
ETAIN008	Associate Certified Electronics Technician (CETa)	Electronics Technician Association International	CAPE Industry Certification	The Associate Certified Electronics Technicians (CETa) certification measures the knowledge and skills of technicians who have less than two years experience or trade school training for electronics technicians. The CETa is more in-depth than the Student Electronics Technician (SET) as it expands on all of the topics listed within the SET.	1 exam required; 100 questions; 2 hours; Passing score of 75% required	Every Certified Electronics Technician (CET) candidate must pass the Associate exam before they can qualify to sit for the full Journeyman certification.	None	None	www.eta-i.org
FABLE801	Animation-ish	FableVision Learning	CAPE Digital Tool Certificate	Animation-ish measures knowledge and skills in animation to include storytelling, film/video systems, cartoon animation, storyboarding, flipbooks, frame rates and portfolio development.	1 exam required	None	None	None	https://www.fablevisionlearning.com/animationish
FABLE802	FabMaker Studio Certification	FableVision Learning	CAPE Digital Tool Certificate	The FabMaker Studio Certification tests competencies in technology characteristics and scope; engineering career pathways; design process; and FabMaker Studio software.	1 exam required (FVL FabMaker Studio Exam); 30 questions; 50 minutes; scaled score of 700 out of 1000	None	None	None	https://www.fablevisionlearning.com/fabmakerstudio
FDMQA002	Certified Nursing Assistant (CNA)	Florida Department of Health	CAPE Industry Certification	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/
FDMQA030	911 Public Safety Telecommunicator	Florida Department of Health	CAPE Industry Certification	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/
FEDAA002	FAA Aviation Maintenance Technician - General	Federal Aviation Administration	CAPE Industry Certification	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	CAPE Acceleration Industry Certification	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
FEDAA010	FAA Aviation Maintenance Technician - Powerplant	Federal Aviation Administration	CAPE Acceleration Industry Certification	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	CAPE Industry Certification	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; passing score of 70% or greater	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
FEDAA013	FAA Ground School	Federal Aviation Administration	CAPE Industry Certification	FAA Ground School certification measures the knowledge and skills of ground instruction for pilots.	1 exam required; passing score of 70% or greater required	An individual must have 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.	None	None	www.faa.gov/licenses_certificates
FEDAA015	FAA Ground Instructor - Basic	Federal Aviation Administration	CAPE Industry Certification	The FAA Ground Instructor - Basic certification measures the knowledge and skills required to provide ground training, flight reviews, and recommendations for knowledge tests in the aeronautical knowledge area required for the issuance of a sport pilot, recreational pilot, or private pilot certificate.	1 exam required; passing score of 70% or greater required	To be eligible for ground instructor certificate: an individual must be at least 18 years of age; able to read, write, speak, and understand English; and meet any other requirements as outlined in the appropriate sections of 14 CFR part 61.	None	None	www.faa.gov/licenses_certificates
FLADA001	Florida Automobile Dealers Association (FADA) Certified Technician	Florida Automobile Dealers Association	CAPE Industry Certification	The Florida Automobile Dealers Association (FADA) Certified Technician measures mastery of automotive service technology core competencies, skills, and knowledge as an "entry-level" technician.	1 exam required; 4 hours	None	None	None	www.flada.org/certified-technician-program/
FLAQA001	Aquaculture Technician	Florida Aquaculture Association	CAPE Industry Certification	The Aquaculture Technician certification measures knowledge and skills in biological principles, propagation and culture techniques and marketing related to the aquaculture industry.	1 exam required; 100 multiple choice questions; passing score of 60% or greater required	To be eligible to take the exam: 1) Aquaculture 2 and 75% of Aquaculture 3 at the high school level or 2) Have worked on a aquaculture farm and has over 300 hours of verifiable work experience.	None	None	flaa.org/certification

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FLDEP003	Wastewater Treatment Plant Operator Level C	Florida Department of Environmental Protection	CAPE Industry Certification	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/
FLDEP006	Water Treatment Plant Operator Level C	Florida Department of Environmental Protection	CAPE Industry Certification	The Water Treatment Plant Operator Level C certification measures knowledge and skills required for employment in a water treatment plan: 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/
FLDEP007	Water Treatment Plant Operator Level D	Florida Department of Environmental Protection	CAPE Industry Certification	The Class D Water Treatment Plant Operator exam tests competencies in Chemical Treatment/Addition; Maintain Equipment; Perform Safety and Security; Procedures; Plant Operation; Regulations, and Reporting Requirements.	1 exam required; 50 questions; 2 hours	Pass the Class D examination for the license type; A peer reference letter (only if your experience was not signed by a certified operator on FDEP application); Be the owner or owner's manager, agent, or trainee operating the system for at least three months (calendar months, not hours); OR document successful completion of an approved Class D course accompanied by one hour of experience.	None	None	https://floridadep.gov/water/certification-restoration/content/water-and-domestic-wastewater-operator-certification-program
FLDEP008	Wastewater Treatment Plant Operator Level D	Florida Department of Environmental Protection	CAPE Industry Certification	The Class D Wastewater Treatment Plant Operators exam tests competencies in Disinfection Operate Equipment; Package Plants & Disinfection; Perform Safety and Security; Procedures, and Regulations.	1 exam required; 50 questions; 2 hours	Pass the Class D examination for the license type; A peer reference letter (only if your experience was not signed by a certified operator on FDEP application); Be the owner or owner's manager, agent, or trainee operating the system for at least three months (calendar months, not hours); OR document successful completion of an approved Class D course accompanied by one hour of experience.	None	None	https://floridadep.gov/water/certification-restoration/content/water-and-domestic-wastewater-operator-certification-program
FLENG001	Engineering Core Certification	Florida Engineering Society	CAPE Industry Certification	The Engineering Core certification measures knowledge and skills in introduction to engineering design; principles of engineering; aerospace engineering; civil engineering and architecture; computer integrated manufacturing; computer science principles; digital electronics; environmental sustainability; and engineering design and development.	3 exams required; total of 19 combined scale score	None	None	None	www.fleng.org
FLFBR001	Agritechnology Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Agritechnology Certification documents proficiency in the following agriculture areas: agricultural safety; environmental resource conservation and management; plant growth and reproduction, including fertilization, irrigation and pest control; animal systems and livestock management, including health and reproduction; agricultural machinery and facility maintenance and operations; agribusiness marketing and finance concepts, and mathematics and physical science skills.	1 exam required; computer based, 2 hours	None	None	None	certify.ag/
FLFBR002	Agricultural Biotechnology Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Agriculture Biotechnology Certification measures knowledge and skills in agricultural laboratory safety, application and regulations for biotechnology, laboratory skills, including record maintenance, operating procedures, DNA extraction, buffer preparation, etc., tissue and cell culture techniques, biotechnological applications to agriculture, food and natural resources, genetic principles (inheritance, DNA properties, expression), and scientific reasoning, mathematics and physical science skills.	1 exam required; computer based, 2 hours	None	None	None	certify.ag/
FLFBR003	Agricultural Communications Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Agricultural Communications certification measures knowledge and skills in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts, ethical and professional issues in the industry, and advertising and marketing.	1 exam required; 2 hours; 100 multiple choice questions; minimum score of 75%	None	None	None	certify.ag/
FLFBR004	Agricultural Mechanics Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Agricultural Mechanics (Technical Agriculture Operations) certification measures knowledge and skills in the mechanics sector of the agricultural industry including mechanical operations, welding, small engine maintenance and repair, planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.	1 exam required; 2 hours; 100 multiple choice questions; minimum score of 75%	None	None	None	certify.ag/
FLFBR005	Animal Science Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Animal Science certification measures knowledge and skills in the animal sector of the agriculture industry including planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, health, safety and environmental issues, and the use and care of animal health-care instruments, animal grooming equipment, animal restraining equipment, and laboratory equipment.	1 exam required; 2 hours; 100 multiple choice questions; minimum score of 75%	None	None	None	certify.ag/
FLFBR006	Agricultural Unmanned Aircraft Systems Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Unmanned Aircraft Systems (UAS) - Precision Agriculture Specialist certification measures the knowledge and skills required to operate UAS for the commercial use of precision agriculture. his certification encompasses the study of UAS technologies used to monitor plant growth, evaluate soil conditions, monitor animal operations, develop integrated pest management plans, make fertilizer recommendations, provide yield estimates of agricultural and forage crops, and make forest management decisions using UAS images and data.	1 exam required; 100 multiple choice questions; passing score of 60% or greater	None	None	None	certify.ag/
FLFBR007	Agriculture Associate Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Agriculture Associate Certification certifies that individuals have a fundamental knowledge and skill set applicable to entry level positions in the agricultural industry. This certification exam covers basic principles of: Agricultural safety; Environmental resource conservation and management; Plant growth and reproduction; including fertilization, irrigation and pest control; Animal systems and livestock management; including health and reproduction; Agricultural machinery and facility maintenance and operations; Agribusiness marketing and finance concepts; Mathematics and physical science skills	1 exam required; 50 multiple choice questions; 2 hours; Passing score of 66% or more required	None	None	None	certify.ag/
FLFBR008	Forestry Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Forestry Specialist Certification Exam encompasses the study of the management, protection, enhancement and improvement of soil, water, wildlife, forests and air as natural resources. Individuals earning this certification will have demonstrated competence in the application of principles and techniques for the development, application and management of forests in agricultural settings.	1 exam required; 100 multiple choice questions; 2 hours; Passing score of 75% or more required	None	None	None	certify.ag/
FLFBR009	Agriculture Systems Associate Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Associate of Agriculture Systems certification measures knowledge in the evolution of production agriculture; differences between animal welfare and ethical treatment of animals; principles and skills used in dairy, livestock, poultry, aquaculture, vegetable and nursery production; good work habits, agricultural leadership, and communication skills; and scientific and technical skills used in production agriculture.	1 exam required; 50 multiple choice questions; minimum score of 66%	None	None	None	http://certify.ag/certifications/agriculture-systems/

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FLFBR010	Natural Resources Specialist Certification	Agricultural Education Services and Technology Inc.	CAPE Industry Certification	The Natural Resources Specialist certification measures knowledge and skill set applicable to the environmental and wildlife resources sector of the agriculture industry including concepts surrounding renewable and nonrenewable resources; ecosystems; soil science including physical properties, analysis, classification and erosion; water management including irrigation knowledge and conservation issues; pollution of our resources; plant nutritional needs; best management practices for soil and water usage; wildlife management; environmental and resource sustainability; and identification of common weeds, insects, plant diseases and wildlife species.	1 exam required; 100 multiple choice questions; minimum score of 65%	None	None	None	http://certify.ag/certifications/natural-resources/
FLSFM005	Fire Fighter I	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	CAPE Industry Certification	The Fire Fighter I certification demonstrates knowledge and skills to function in a firefighting team in a hazardous environment under direct supervision.	1 exam required	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.	None	None	www.myfloridacfo.com/division/sfm/bfst/
FLVMA002	Certified Veterinary Assistant (CVA)	Florida Veterinary Medical Association	CAPE Industry Certification	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/
FNGLA001	Certified Horticulture Professional	Florida Nursery Growers and Landscape Association	CAPE Industry Certification	The Florida Nursery, Growers & Landscape Association (FNGLA) Certified Horticulture Professional (FCHP) certification measures knowledge and skills in horticulture in areas such as plant and pest identification and landscape management.	1 exam required, 4-parts; 3 hours	Must be employed in Florida horticulture for 90 days prior to application; Be a student in a horticulture program (or graduated within the preceding 18 months); Be an instructor of horticulture; or Be a member of the Florida Nursery, Growers & Landscape Association (FNGLA). Eight week online short courses to prepare for the exam.	None	None	www.fngla.org
FNGLA003	Certified Landscape Maintenance Technician	Florida Nursery Growers and Landscape Association	CAPE Industry Certification	The Certified Landscape Maintenance Technician (FCLMT) program is designed to measure the skills of practicing landscape maintenance technicians. This certification relies heavily on Green Industries Best Management Practices, and tests competencies in the following: Plant Identification, Pest Management, Fertilization, Truck & Trailer, Irrigation, Pruning, Site Evaluation, and Turf Management.	One day-long exam with 9 sections: 1 written section and 8 field exam sections. Each field exam section must be passed with a minimum 70%.	None	One year of prior industry work experience is required.	None	https://www.fngla.org/professional-development/certifications/fngla-certified-landscape-technician
FNGLA004	Certified Landscape Technician	Florida Nursery Growers and Landscape Association	CAPE Industry Certification	The Certified Landscape Technician (FCLT) program is a hands-on certification designed to measure the skills of practicing landscape installation technicians. The certification tests competencies in Plant ID, Plan Layout, Tree Installation, Pruning, Palm Banding & Propping, Grading & Drainage, Irrigation, Equipment Operation, Job Evaluation	One day long exam. Each of the following FCLT field exam sections must be passed with a minimum 70%: Plant ID, Plan Layout, Tree Installation, Pruning, Palm Banding & Propping, Grading & Drainage, Irrigation, Equipment Operation, Job Evaluation	None	One year of prior industry work experience is required.	None	https://www.fngla.org/professional-development/certifications/fngla-certified-landscape-technician
GRBCI002	LEED Green Associate	Green Building Certification Institute	CAPE Industry Certification	The LEED, or Leadership in Energy & Environmental Design, certification is a green building certification that recognizes building strategies and practices. To receive LEED certification, building projects satisfy prerequisites and earn points to achieve different levels of certification: Certified, Silver, Gold and Platinum.	1 exam required	None	None	None	www.gbci.org
HBINS002	Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology	Home Builders Institute	CAPE Industry Certification	The Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology certification measures knowledge and skills in carpentry, electrical, plumbing, brick masonry, landscaping, facilities maintenance, painting and weatherization.	1 exam required; 60 questions; 50 minutes	None	None	None	www.hbi.org
HBINS003	HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry	Home Builders Institute	CAPE Industry Certification	The Carpentry certification exam tests competencies in safety; measurement; tools and equipment; products and materials; rough carpentry and framing; and interior and exterior finishing.	1 exam required; 50 questions; 50 minutes	None	None	None	www.hbi.org
HBINS004	HBI Pre-Apprenticeship Certificate Training (PACT), Core	Home Builders Institute	CAPE Industry Certification	The Core certification exam tests competencies in building trades safety; construction math; tools and construction materials; and employability.	1 exam required; 30 questions; 50 minutes	None	None	None	www.hbi.org
HBINS005	HBI Pre-Apprenticeship Certificate Training (PACT), Core Green	Home Builders Institute	CAPE Industry Certification	The Core Green certification exam tests competencies in building trades safety and first aid; construction math; tools and construction materials; employability; and green building.	1 exam required; 40 questions; 50 minutes	None	None	None	www.hbi.org
HBINS006	HBI Pre-Apprenticeship Certificate Training (PACT), Electrical	Home Builders Institute	CAPE Industry Certification	The Electrical certification exam tests competencies in safety, tools and equipment; codes and blueprints; basic electrical concepts; service entrances; electrical rough-in; and electrical trim-out and troubleshooting.	1 exam required; 50 questions; 50 minutes	None	None	None	www.hbi.org
HVACE001	HVAC Excellence Employment Ready - Heat Pump	HVAC Excellence	CAPE Industry Certification	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	CAPE Industry Certification	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
HVACE011	HVAC Excellence Employment Ready - Electrical	HVAC Excellence	CAPE Industry Certification	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
ICOEC005	EC-Council Cyber Forensics Associate	EC-Council	CAPE Industry Certification	The Cyber Forensics Associate (C|FA) certification demonstrates an individual's knowledge of how to detect hacking attacks and properly extract evidences to report the crime and conduct audits to prevent future attacks.	1 exam required; 40 questions; 50 minutes	None	None	None	https://www.eccouncil.org/eccouncil-associate-programs-eha-cfa/
ICOEC006	EC-Council Ethical Hacker Associate	EC-Council	CAPE Industry Certification	The Ethical Hacking Associate (E|HA) certification demonstrates an individual's knowledge in information security and network security, including the tools and methodologies of a malicious hacker, but in a lawful and legitimate manner. This credential certifies individuals at an entry-level of network security discipline of ethical hacking from a vendor-neutral perspective.	1 exam required; 40 questions; 50 minutes	None	None	None	https://www.eccouncil.org/eccouncil-associate-programs-eha-cfa/
INTUT001	QuickBooks Certified User	Intuit	CAPE Industry Certification	The QuickBooks Certified User certification documents proficiency of accounting professions with the QuickBooks Financial Software (Pro, Premier, and Enterprise editions).	1 exam required; 50 multiple choice questions; computer based; passing score of 80% or greater required.	None	None	None	quickbookstraining.com/QuickBooks-certification/
INTUT002	Entrepreneurship & Small Business	Intuit	CAPE Industry Certification	The Entrepreneurship & Small Business certification validates understanding of core business principles, including the essentials of launching and maintaining a successful company. Competencies tested include entrepreneurship; recognizing and evaluating opportunities; planning for, starting, and operating a business; marketing and sales; and business financials and funding.	1 exam required (ESB V.2)	None	None	None	https://certiport.com/esb

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INTUT003	Master Entrepreneurship Certification	Intuit	CAPE Industry Certification	The Master Entrepreneurship certification tests concepts related to entrepreneurship and small business concepts and principles, as well as design thinking. This certification requires two exams: Entrepreneurship & Small Business (ESB V.2) and Design for Delight. The Entrepreneurship & Small Business certification validates understanding of core business principles, including the essentials of launching and maintaining a successful company. Competencies tested include entrepreneurship; recognizing and evaluating opportunities; planning for, starting, and operating a business; marketing and sales; and business financials and funding. Design for Delight is a set of principles that give students hands-on experience in creative problem-solving and innovation. Design for Delight tests competencies in the following principles: deep customer empathy, go broad to go narrow, and rapid experiments with customers.	2 exams required: Entrepreneurship & Small Business (ESB V.2) and Design for Delight	None	None	None	https://certiport.com/esb
ISOGR801	TOSA®DigComp	Isograd Inc.	CAPE Digital Tool Certificate	The TOSA® DigComp test measures competencies in information and data literacy; communication and collaboration; digital content creation; safety; and problem solving.	3 exams required: TOSA®DigComp Assessment x2 (pre- and post-assessment or practice test) TOSA®DigComp Certification exam	None	None	None	https://www.isograd.com/EN/tosadigital.php
ISOGR802	TOSA® CyberCitizen	Isograd Inc.	CAPE Digital Tool Certificate	The TOSA® CyberCitizen test assesses the candidate's abilities to protect devices and digital content and understand the risks and security measures in the protection of personal data in different contexts (social networks, email, software install, etc.), in a professional environment, at home or on the move.	3 exams required: TOSA® CyberCitizen Assessment x2 (pre- and post assessment or practice test) TOSA® CyberCitizen Certification exam 35 questions; 60 minutes; minimum score of 351	None	None	None	https://www.tosa.org/EN/Certification?brand=digital
ISOGR803	TOSA® Google Docs	Isograd Inc.	CAPE Digital Tool Certificate	TOSA® Google Docs validates the candidate's proficiency and skill level in the Google Docs software application. It assesses the candidate's level on four skill domains: methods and software environment, page layout and formatting, editing tools, and graphic objects and tables.	3 exams required: TOSA® Google Docs Assessment x2 (pre- and post assessment or practice test) TOSA® Google Docs Certification exam 35 questions; 60 minutes; minimum score of 351	None	None	None	https://www.tosa.org/EN/Certification?brand=desktop
ISOGR804	TOSA® Google Sheets	Isograd Inc.	CAPE Digital Tool Certificate	TOSA® Google Sheets validates the candidate's proficiency and skill level in the Google Sheets software application. It assesses the candidate's level on four skill domains: methods and software environment, data manipulation, functions and formulas, and formatting.	3 exams required: TOSA® Google Sheets Assessment x2 (pre- and post assessment or practice test) TOSA® Google Sheets Certification exam 35 questions; 60 minutes; minimum score of 351	None	None	None	https://www.tosa.org/EN/Certification?brand=desktop
ISOGR805	TOSA® Google Slides	Isograd Inc.	CAPE Digital Tool Certificate	TOSA® Google Slides validates the candidate's proficiency and skill level in the Google Slides software application. It assesses the candidate's level on four skill domains: methods and software environment, text formatting, object manipulation, and themes and templates.	3 exams required: TOSA® Google Slides Assessment x2 (pre- and post assessment or practice test) TOSA® Google Slides Certification exam 35 questions; 60 minutes; minimum score of 351	None	None	None	https://www.tosa.org/EN/Certification?brand=desktop
KNOWL001	Python Coding Specialist	Knowledge Pillars LLC	CAPE Industry Certification	The Python Coding Specialist certification allows coding specialists, software developers, and IT professionals the ability to assess their knowledge and get credentials for their programming skills. Competencies tested include Python fundamental concepts; variables and operators; using conditional statements; using loops; creating and using functions and generators; Python data structures; using modules and packages; classes, objects and object-oriented programming; responding to events and exceptions; and input-output operations using Python.	1 exam required; 35 questions; 45 minutes; minimum passing score of 75%.	None	None	None	https://knowledge-pillars.com/python-coding-specialist/
KNOWL002	WordPress Certified Editor	Knowledge Pillars LLC	CAPE Industry Certification	The WordPress Certified Editor certification exam tests competencies in the correct application of principle features of WordPress by creating and editing posts and pages in real WordPress websites. Candidates are expected to have a firm background related to managing posts, pages, comments and the media library, as well as using the post and page builder and editing the HTML code of posts or pages.	1 exam required; 35 questions; 45 minutes; minimum passing score of 75%.	None	None	None	https://knowledge-pillars.com/wordpress-editor-certification/
KNOWL801	Python Coding Apprentice (PCA)	Knowledge Pillars LLC	CAPE Digital Tool Certificate	Python Coding Apprentice (PCA) candidates are expected to demonstrate a general background in coding with Python. Prior to taking the exam, a candidate is expected to have approximately 100 hours of hands-on experience or lectures on developing using Python. Skills measured include data types & operations, variables, input and output, conditionals, loops, lists, and function.	1 exam required; 25 questions; 25 minutes; minimum score of 75%.	None	None	None	https://knowledge-pillars.com/python-coding-apprentice-certification/
LINPI001	Linux Essentials 010	Linux Professional Institute	CAPE Industry Certification	The Linux Essentials 010 exam tests competencies in the following topics: understanding of the Linux community career options in open source, navigating a Linux system, using the command line, the Linux operating system, and security and file permissions.	1 exam required (Exam code 010-160); 40 questions; 60 minutes	None	None	None	https://www.lpi.org/our-certifications/linux-essentials-overview
MICRO017	Microsoft Office Specialist: Microsoft Office 2016 Master Specialist (Requires Word Expert, Excel Expert, PowerPoint, and Access or Outlook)	Microsoft Corporation	CAPE Industry Certification	The Microsoft Office Specialist: Microsoft Office 2016 Master Specialist certification measures technical proficiency and expertise of an individual with the Microsoft Office programs including the ability to use advanced features and ability to integrate the Office programs with other software programs.	4 exams required: Word 2016 Expert (77-726); Excel 2016 Expert (77-728); and, PowerPoint 2016 (77-729); AND one elective exam: Access 2016 (77-730); OR Outlook 2016 (77-731)	None	None	None	https://www.microsoft.com/en-us/learning/microsoft-office-specialist-master-certification-2016.aspx#cp-section3-head
MICRO070	Microsoft Technology Associate (MTA) - Database Administration Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Database Administration Fundamentals certification demonstrates an individual's understanding of core database concepts (DML, DDL, and RDBMS), how to create database objects (TSQL, data types, tables, and views), how to manipulate data (SELECT queries, update and delete data), data storage requirements, and how to administer a database (security, backup, and restore).	1 exam required (Exam 98-364 - MTA-Database Administration Fundamentals	None	None	None	www.microsoft.com/learning
MICRO074	Microsoft Technology Associate (MTA) - Software Development Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Software Development Fundamentals certification demonstrates an individual's understanding of core programming concepts, such as computer storage and data types, decision structures, and error handling; object oriented programming, including classes, inheritance, polymorphism, and encapsulation; application life cycle management, application specifications, algorithms and data structures; Web page development (HTML, JavaScript, and CSS), Microsoft ASP.NET Web application development, Web hosting, and Web services; desktop applications, including Windows® Forms applications, console-based applications, and Windows Services; and databases, including RDMS, query methods, and database connection methods.	1 exam required (Exam 98-361 - MTA Software Development Fundamentals)	None	None	None	www.microsoft.com/learning
MICRO076	Microsoft Technology Associate (MTA) - Windows OS Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Windows OS Fundamentals certification demonstrates an individual's understanding of Windows operating system configuration, installing/upgrading and maintaining client systems, and managing applications, files and folders, and devices.	1 exam required (Exam 98-349 - MTA Windows OS Fundamentals)	None	None	None	www.microsoft.com/learning

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MICRO077	Microsoft Technology Associate (MTA) - Security Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Security Fundamentals certification demonstrates an individual's understanding of security concepts in a Windows Server 2008 environment such as security layers, operating system security, network security, and security software.	1 exam required (Exam 98-367 - MTA Security Fundamentals)	None	None	None	www.microsoft.com/learning
MICRO078	Microsoft Technology Associate (MTA) - Networking Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Networking Fundamentals certification demonstrates an individual's understanding of networking concepts in a Windows Server 2008 environment such as network infrastructures, network hardware, and protocols and services.	1 exam required (Exam 98-366 - MTA Networking Fundamentals)	None	None	None	www.microsoft.com/learning
MICRO080	Microsoft Technology Associate (MTA) - HTML5 Application Developer Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) – HTMLS Application Development Fundamentals certification demonstrates an individual's understanding of core HTML5 client application development skills that runs on today's touch-enabled devices (PCs, tablets, and phones).	1 exam required (Exam 98-375 - MTA HTML5 Application Development Fundamentals)	None	None	None	www.microsoft.com/learning
MICRO102	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Mobility and Device Fundamentals certification demonstrates an individual's understanding of device configurations, data access and management, device security, cloud services, and enterprise mobility.	1 exam required (Exam 98-368), 40-60 questions with a 45 minute limit	None	None	None	www.microsoft.com/learning
MICRO104	Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript certification measures skill in the following competencies: programming with JavaScript operators, methods and keywords; programming with variables, data types and functions; implementing and analyzing decisions and loops; interacting with the document object model; and interacting with HTML forms.	1 exam required (98-382); 39 questions; 45 minutes	None	None	None	https://www.microsoft.com/en-us/learning/exam-98-382.aspx
MICRO105	Microsoft Technology Associate (MTA) - Introduction to Programming Using HTML and CSS	Microsoft Corporation	CAPE Industry Certification	The Microsoft Technology Associate (MTA) - Introduction to Programming Using HTML and CSS measures competencies in the understanding of HTML and CSS fundamentals, structuring documents using HTML, presenting multimedia using HTML and styling web pages using CSS.	1 exam required (98-383); 41 questions; 45 minutes	None	None	None	https://www.microsoft.com/en-us/learning/exam-98-383.aspx
MICRO112	Microsoft Technology Associate (MTA) - Introduction to Programming Using Python	Microsoft Corporation	CAPE Industry Certification	Candidates for this exam should be able to recognize and write syntactically correct Python code, recognize data types supported by Python, and be able to recognize and write Python code that will logically solve a given problem. Candidates are expected to have had, at a minimum, instruction and/or hands-on experience of approximately 100 hours with the Python programming language, be familiar with its features and capabilities, and understand how to write, debug, and maintain well-formed, well documented Python code.	1 exam required; 40 Questions; 45 minutes	None	None	None	https://www.microsoft.com/en-us/learning/mta-summary-certification.aspx
MICRO114	Microsoft Technology Associate (MTA) - Introduction to Programming Using Java	Microsoft Corporation	CAPE Industry Certification	Candidates for this exam are application developers working with Java 6 SE or later, secondary and immediate post-secondary level students of software development, or entry-level software developers. Candidates should have at least 150 hours or instruction or hands-on experience with Java, are familiar with its features and capabilities, and understand how to write, debug and maintain well-formed, well documented Java code.	1 exam required; 44 Questions; 45 minutes	None	None	None	https://www.microsoft.com/en-us/learning/mta-summary-certification.aspx
MICRO115	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals	Microsoft Corporation	CAPE Industry Certification	Candidates for this exam are seeking to prove Windows Server administration knowledge and skills. Candidates are expected to have some hands-on experience with Windows Server, Windows-based networking, Active Directory, account management, and system recovery tools and concepts.	1 exam required; 57 Questions; 50 minutes	None	None	None	https://www.microsoft.com/en-us/learning/mta-summary-certification.aspx
MICRO123	Microsoft 365 Certified: Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft 365 Certified: Fundamentals certification is designed for candidates looking to demonstrate foundational knowledge in the considerations and benefits of adopting cloud services in general and the Software as a Service (SaaS) cloud model. This exam will also cover knowledge of available options and benefits gained by implementing Microsoft 365 cloud service offerings. Competencies tested include cloud concepts; core Microsoft 365 services and concepts; security, compliance, privacy and trust in Microsoft 365; and Microsoft 365 pricing and support.	One exam required (MS-900); 32-43 questions; 60 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Microsoft/MTC/Overview
MICRO124	Microsoft Certified: Azure AI Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Certified: Azure AI Fundamentals certification is designed for candidates who have foundational knowledge of machine learning (ML) and artificial intelligence (AI) concepts and related Microsoft Azure services. This exam is intended for candidates with both technical and non-technical backgrounds. Data science and software engineering experience are not required; however, some general programming knowledge or experience would be beneficial. Competencies tested include AI workloads and considerations; principles of machine learning on Azure; features of computer vision workloads on Azure; features of Natural Language Processing (NLP) workloads on Azure; and features of conversational AI workloads on Azure.	1 exam required (AI-900); 52 questions; 60 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Microsoft/MTC/Overview
MICRO125	Microsoft Certified: Azure Data Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Certified: Azure Data Fundamentals certification is designed for candidates who have foundational knowledge of core data concepts and how they are implemented using Microsoft Azure data services. This certification is intended for candidates beginning to work with data in the cloud. Candidates should be familiar with the concepts of relational and non-relational data, and different types of data workloads such as transactional or analytical. Competencies tested include core data concepts; working with relational and non-relational data on Azure; and analytics workload on Azure.	1 exam required (DP-900); 50 questions; 60 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Microsoft/MTC/Overview
MICRO126	Microsoft Certified: Azure Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Certified: Azure Fundamentals is designed to prove knowledge of cloud concepts, Azure services, Azure workloads, security and privacy in Azure, as well as Azure pricing and support. Candidates should be familiar with the general technology concepts, including concepts of networking, storage, compute, application support and application development. Competencies tested include cloud concepts; core Azure services; core solutions and management tools on Azure; general security and network security features; identity, governance, privacy and compliance features; and Azure cost management and service level agreements.	1 exam required (AZ-900); 32-43 questions; 60 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Microsoft/MTC/Overview
MICRO128	Microsoft Certified: Power Platform Fundamentals	Microsoft Corporation	CAPE Industry Certification	The Microsoft Certified: Power Platform Fundamentals certification is designed to prove understanding of the core capabilities of the Power Platform–from business value and core product capabilities to building a simple Power Apps canvas app, connecting data sources, automating basic business processes with Power Automate, creating a Power BI dashboard and creating chatbots with Power Virtual Agents. Competencies tested include the business value of Power Platform; core components of Power Platform; capabilities of Power BI, Power Apps and Power Automate; and the business value of Power Virtual Agents.	1 exam required (PL-900); 37 questions; 60 minutes	None	None	None	https://certiport.pearsonvue.com/Certifications/Microsoft/MTC/Overview
MICRO801	Microsoft Office Specialist: Microsoft Office Excel	Microsoft Corporation	CAPE Digital Tool Certificate	The Microsoft Office Excel exam tests competencies in fundamentals of creating and managing worksheets and workbooks, creating cells and ranges, creating tables, applying formulas and functions, and creating charts and objects. The exam covers the ability to create and edit a workbook with multiple sheets and use a graphic element to represent data visually.	1 exam required (MO-200 or 77-727)	None	None	None	https://docs.microsoft.com/en-us/learn/certifications/mos-excel-2019
MICRO802	Microsoft Office Specialist: Microsoft Office Word	Microsoft Corporation	CAPE Digital Tool Certificate	The Microsoft Office Word Exam tests competencies in in the correct application of the principal features of Word by creating and editing documents for a variety of purposes and situations.	1 exam required (MO-100 or 77-725)	None	None	None	https://docs.microsoft.com/en-us/learn/certifications/mos-word-2019
MICRO803	Microsoft Office Specialist: Microsoft Office PowerPoint	Microsoft Corporation	CAPE Digital Tool Certificate	The Microsoft Office PowerPoint exam measures competency to create, edit, and enhance presentations and slideshows, including the ability to create and manage presentations, insert and format shapes and slides, create slide content, apply transitions and animations, and manage multiple presentations.	1 exam required (MO-300 or 77-729)	None	None	None	https://docs.microsoft.com/en-us/learn/certifications/mos-powerpoint-2019
MSSCN001	MSSC Certified Production Technician (CPT)	Manufacturing Skills Standards Council (MSSC)	CAPE Acceleration Industry Certification	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

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MSSCN002	MSSC Certified Logistics Technician (CLT)	Manufacturing Skills Standards Council (MSSC)	CAPE Industry Certification	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
NASME001	NASM Certified Personal Trainer (CPT)	National Academy of Sports Medicine	CAPE Industry Certification	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
NATEX001	Air Conditioning Service Technician	North American Technician Excellence	CAPE Industry Certification	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 Specialty Air Conditioning Installation test); 50 questions on CORE tests and 100 questions on Specialty 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	CAPE Industry Certification	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 Specialty Air Conditioning Installation test); 50 questions on CORE tests and 100 questions on Specialty 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	CAPE Industry Certification	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 Specialty Air to Air Heat Pump Installation exam); 50 questions on CORE tests with 90 minutes to complete; 100 questions on Specialty test with 150 minutes to complete.	None	None	None	www.natex.org/site/353/Technicians/Certification-Basics/101
NATHA002	Certified EKG Technician (CET)	National Healthcareer Association	CAPE Industry Certification	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
NATHA003	Certified Medical Administrative Assistant (CMAA)	National Healthcareer Association	CAPE Industry Certification	The Certified Medical Administrative Assistant (CMAA) certification ensures individuals have the knowledge of patients' medical records and office management skills; appointment/ scheduling/ correspondence; and mail management skills.	1 exam required; 110 questions; 2 hours 10 minutes	To be eligible for NHA certification, applicants must possess a high school diploma or GED, and have completed a training program or have one year work experience in the field. Individuals who have completed the State of Florida's Medical Administrative Assistant Program may apply to NHA to receive a waiver to take exam prior to high school graduation.	None	None	www.nhanow.com
NATHA006	Certified Patient Care Technician (CPCT)	National Healthcareer Association	CAPE Industry Certification	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 hours 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	CAPE Industry Certification	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
NATHA009	Certified Clinical Medical Assistant (CCMA)	National Healthcareer Association	CAPE Industry Certification	The Certified Clinical Medical Assistant (CCMA) exam tests competencies in foundational knowledge and basic science; anatomy and physiology; clinical patient care; patient care coordination and education; administrative assisting; communication and customer service; and medical law and ethics.	1 exam required; 150 scored items; 3 hours	Candidates must have successfully completed a training program in the health field, and be able to earn a high school diploma or GED within twelve months of earning the certification.	None	None	www.nhanow.com
NATHA010	Certified Pharmacy Technician (CPhT)	National Healthcareer Association	CAPE Industry Certification	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	CAPE Industry Certification	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
NCATT001	Aircraft Electronics Technician (AET)	National Center for Aerospace and Transportation Technologies (NCATT)	CAPE Industry Certification	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
NCATT003	Aerospace / Aircraft Assembly (AAA)	National Center for Aerospace and Transportation Technologies (NCATT)	CAPE Industry Certification	The NCATT Aerospace / Aircraft Assembler Standard can be used by Aerospace Industry education and training entities to develop lesson plans as part of a complete education and training program focused on aerospace vehicle or aerospace component assembly. The Standard can also be used to develop specialized and/or targeted education and training needs.	1 exam required; Passing score of 70% or more required	None	None	None	www.ncatt.org
NCCER005	NCCER Carpentry - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Carpentry - Level 1 credential measures knowledge and skills in building materials, fasteners and adhesives; hand and power tools; reading plans and elevations; floor systems; wall and ceiling framing; roof framing concrete and reinforcing materials; windows and exterior doors; and basic stair layout.	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
NCCER008	NCCER Construction Technology (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Construction Technology credential measures knowledge and skills in masonry units and installation techniques; floor systems; ceiling joist and roof framing; roofing applications; wall systems; exterior finishing covers; basic stair layout; electrical safety; residential electrical services; HVAC; drain, waste, and vent (DWV) systems; plastic pipe and fittings; copper pipe and fittings; cabinetmaking; cabinet installation; and construction equipment.	17 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

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NCCER010	NCCER Electrical - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Electrical - Level 1 credential measures knowledge and skills in electrical safety; electrical circuits; national electrical code; device boxes; hand bending; raceways & fittings; conductors and cables; basic electrical construction drawings; residential electrical services; and electrical test equipment.	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
NCCER018	NCCER HVAC - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The HVAC - Level 1 credential measures knowledge and skills in trade mathematics; basic electricity; heating; cooling; air distribution systems; basic copper and plastic piping practices; soldering and brazing; and basic carbon steel piping practices.	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
NCCER025	NCCER Masonry - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Masonry - Level 1 credential measures knowledge and skills in masonry safety; masonry tools and equipment; measurements, drawings, and specifications; mortar; and masonry units and installation techniques.	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
NCCER026	NCCER Plumbing - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Plumbing - Level 1 credential measures knowledge and skills in plumbing safety; plumbing tools; plumbing math; plumbing drawings; plastic pipe and fittings; copper pipe and fittings; cast-iron pipe and fittings; steel pipe and fittings; plumbing fixtures; DWV systems; and water distribution systems.	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
NCCER032	NCCER Carpentry - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Carpentry - Level 2 credential measures knowledge and skills in commercial drawings; roofing applications: residential; thermal and moisture protection; exterior finishing: residential; cold-formed steel framing steel framing; drywall installation; drywall finishing; doors and door hardware; suspended ceilings; window, door, floor, and ceiling trim; cabinet installation; and cabinet fabrication.	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
NCCER033	NCCER Carpentry - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Carpentry - Level 3 credential measures knowledge and skills in properties of concrete; rigging equipment; rigging practices; trenching and excavating; reinforcing concrete; foundations and slab-on-grade; vertical formwork; horizontal formwork; handling and placing concrete; and tilt-up wall panels.	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
NCCER034	NCCER Carpentry - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	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
NCCER036	NCCER Concrete Finishing - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Concrete Finishing - level 1 credential measures knowledge and skills in properties of concrete; tools and equipment; preparing for placement; placing concrete; finishing; curing and protecting concrete; and troubleshooting.	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
NCCER038	NCCER Electrical - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Electrical - Level 2 credential measures knowledge and skills in alternating current; motors; electric lighting; conduit bending; pull and junction boxes; conductor installations; cable tray; conductor terminations and splices; grounding and bonding; circuit breakers and fuses; and control 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
NCCER039	NCCER Electrical - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Electrical - Level 3 credential measures knowledge and skills in load calculations - branch circuits; conductor selection and calculations; lighting; hazardous locations; overcurrent protection; distribution equipment; transformers; commercial electrical services; motor calculations; voice, data, & video; and motor controls.	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
NCCER040	NCCER Electrical - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	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
NCCER044	NCCER Masonry - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Masonry - Level 2 credential measures knowledge and skills in residential plans and drawing interpretation; residential masonry; reinforced masonry; masonry openings and metal work; advanced laying techniques; effect of climate on masonry; and construction inspection and quality control.	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
NCCER045	NCCER Masonry - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	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
NCCER061	NCCER Welding- Level 1	NCCER	CAPE Industry Certification	The Welding - Level 1 credential measures knowledge and skills in welding safety; oxyfuel cutting; plasma arc cutting; air carbon arc cutting and gouging; base metal preparation; weld quality; SMAW - equipment and setup; SMAW electrodes; SMAW - beads and fillet welds; joint fit-up and alignment; SMAW - groove welds with backing; and SMAW - open root groove welds - plate form.	12 module-based written and performance exams are required.	None	None	The CORE: Introduction to Craft Skills certification is required for all NCCER trades.	http://www.nccer.org/workforce-development-programs/disciplines/craft-details/welding
NCCER062	NCCER Welding - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Welding - Level 2 credential measures knowledge and skills in welding symbols; reading welding detail drawings; physical characteristics and mechanical properties of metal; preheating and post heating of metals; GMAW and FCAW - equipment and filler metals; GMAW - plate; FCAW - plate; gtaw - equipment and filler metals; and GTAW – plate.	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
NCCER069	NCCER Plumbing - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Plumbing - Level 2 credential measures knowledge and skills in reading commercial drawings; structural penetrations, insulating, and firestopping; installing and testing DWV piping; installing roof, floor, and area drains; types of valves; installing and testing water supply piping; installing fixtures and valves; installing water heaters; basic electricity; and fuel gas 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
NCCER070	NCCER Plumbing - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Plumbing - Level 3 credential measures knowledge and skills in sizing and protecting the water supply system; potable water supply treatment; types of venting; sizing DWV and storm systems; sewage pumps and sump pumps; corrosive resistant waste piping; compressed air; and service plumbing.	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
NCCER071	NCCER Plumbing - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	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
NCCER081	NCCER HVAC - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The HVAC - Level 2 credential measures knowledge and skills in alternating current; compressors; refrigerants and oils; leak detection, evacuation, recovery and charging; metering devices; heat pumps; basic maintenance; chimneys, vents, flues; sheet metal duct systems; fiberglass and flexible duct systems; commercial airside systems; air quality equipment; and hydronic systems.	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
NCCER082	NCCER HVAC - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The HVAC - Level 3 credential measures knowledge and skills in fasteners, hardware, and wiring terminations; control circuit and motor troubleshooting; troubleshooting cooling; troubleshooting heat pumps; troubleshooting gas heating; troubleshooting oil heating; troubleshooting accessories; zoning, ductless, and variable refrigerant flow systems; commercial hydronic systems; steam systems; retail refrigeration systems; and customer relations.	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

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NCCER083	NCCER HVAC - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	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
NCCER084	NCCER Industrial Maintenance Mechanic - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Industrial Maintenance Mechanic - Level 1 credential measures knowledge and skills in fasteners and anchors; oxyfuel cutting; gaskets and packing; craft-related mathematics; construction drawings; pumps and drivers; valves; test instruments; material handling and hand rigging; mobile and support equipment; and lubrication.	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
NCCER085	NCCER Industrial Maintenance Mechanic - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Industrial Maintenance Mechanic - Level 2 credential measures knowledge and skills in basic layout; piping components; copper and plastic piping practice; ferrous metal piping practices; identifying, installing and maintaining valves; hydrostatic & pneumatic testing; bearings; low-pressure steam systems; high pressure steam systems and auxiliaries; distillation towers and vessels; heaters, furnaces, heat exchangers, cooling towers, and fin fans; and tube work.	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
NCCER086	NCCER Industrial Maintenance Mechanic - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	CAPE Industry Certification	The Industrial Maintenance Mechanic - Level 3 credential measures knowledge and skills in advanced trade math; precision measuring tools; installing bearings; installing couplings; setting baseplates and prealignment; conventional alignment; installing belt and chain drives; and installing mechanical seals.	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
NCFCT001	National Certified ECG Technician (NCET)	National Center for Competency Testing (NCCT)	CAPE Industry Certification	The ECG Technician certification exam tests competencies in electrode placement, recording the ECG, preparing reports, patient comfort and safety, and troubleshooting abnormalities with the recording.	1 exam required; 125 scored items; 25 unscored pretest items; 3 hours	Student candidates must submit a copy of their ECG Technician diploma, certificate of completion, or official (signed) transcript with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.	None	None	www.ncctinc.com
NCFCT003	National Certified Phlebotomy Technician	National Center for Competency Testing (NCCT)	CAPE Industry Certification	The Phlebotomy certification exam tests competencies in venipuncture, micro-collection, and specimen processing and handling while maintaining patient safety and confidentiality.	1 exam required; 125 scored items; 25 unscored pretest items; 3 hours	Student candidates must submit a copy of their Phlebotomy Technician diploma, certificate of completion, or official (signed) transcript with graduation date as well as a Phlebotomy Technician Certification Critical Skill Competency form. All required documents must be submitted within two years after successful program completion in order for the certification to be released.	None	None	www.ncctinc.com
0	Medical Assistant	National Center for Competency Testing (NCCT)	CAPE Industry Certification	The Medical Assistants certification exam prepares candidates for professions in allied healthcare responsible for various clinical and/or administrative duties. Medical Assistants perform clinical functions including but not limited to direct patient care and preparation, ECG, phlebotomy, and pharmacology while maintaining patient safety and confidentiality. They may also perform administrative duties such as scheduling appointments, maintaining patient records, bookkeeping, and billing and insurance processing.	1 exam required; 150 scored items; 15 unscored pretest items; 3 hours	None	None	None	https://www.ncctinc.com/certifications/ma
NCFCT007	National Certified Medical Office Assistant (NCMOA)	National Center for Competency Testing (NCCT)	CAPE Industry Certification	The Medical Office Assistant certification exam tests competencies in scheduling, communicating (with healthcare professionals, patients and third party payers), handling medical records, and financial management while maintaining compliance with state and federal regulations.	1 exam required; 125 scored items; 25 unscored pretest items; 3 hours	Student candidates must submit a copy of their Medical Office Assistant diploma, certificate of completion, or official (signed) transcript with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.	None	None	www.ncctinc.com
NCFCT008	National Certified Patient Care Technician (NCPCT)	National Center for Competency Testing (NCCT)	CAPE Industry Certification	The Patient Care Technician certification exam tests competencies in basic nursing assistant tasks (as delegated by the nursing or medical staff) which may include obtaining patient vital signs and other data, communicating with the healthcare team and patients, assisting with activities of daily living (ADLs), complying with confidentiality requirements, and performing ECGs and phlebotomy tasks.	1 exam required; 125 scored items; 25 unscored pretest items; 3 hours	Student candidates must submit a copy of their Patient Care Technician diploma, certificate of completion, or official (signed) transcript with graduation date. All required documents must be submitted within two years after successful program completion in order for the certification to be released.	None	None	www.ncctinc.com
NCSBN002	National Licensed Practical Nurse (NCLEX-PN)	National Council of State Boards of Nursing	CAPE Industry Certification	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; 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
NIASE005	ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Automobile/Light Truck Technician: Brakes (A5)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Automobile/Light Truck Technician: Engine Performance (A8)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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
NIASE010	ASE Automobile/Light Truck Technician: Engine Repair (A1)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Automobile/Light Truck Technician: Heating and Air Conditioning (A7)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Automobile/Light Truck Technician: Manual Drive Train and Axles (A3)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Automobile/Light Truck Technician: Suspension and Steering (A4)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Medium/Heavy Truck Technician: Brakes (T4)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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

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NIASE017	ASE Collision Repair and Refinishing Technician: Mechanical and Electrical Components (B5)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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
NIASE020	ASE Medium/Heavy Truck Technician: Diesel Engines (T2)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Medium/Heavy Truck Technician: Drive Train (T3)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Medium/Heavy Truck Technician: Electrical/Electronic Systems (T6)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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
NIASE026	ASE Medium/Heavy Truck Technician: Heating, Ventilation, and A/C (HVAC) (T7)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Collision Repair and Refinishing Technician: Painting and Refinishing (B2)	National Institute for Automotive Service Excellence	CAPE Industry Certification	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 Medium/Heavy Truck Technician: Preventive Maintenance Inspection (PMI) (T8)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE - Preventive Maintenance Inspection (PMI) (T8) certification identifies and recognizes those medium/heavy duty truck technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair PMI.	1 exam required; 60 questions; 75 minutes	None	2 years of work experience is required.	None	www.ase.com
NIASE033	ASE Medium/Heavy Truck Technician: Suspension and Steering (T5)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE - Suspension and Steering (T5) certification provides an assessment of 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
NIASE076	ASE Auto Maintenance and Light Repair (G1)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE - Auto Maintenance & Light Repair (G1) certification provides an assessment of an individual's technical knowledge of bumper-to-bumper maintenance and light repairs in the critical areas of engine systems, automatic transmission/transaxle, manual drive train and axles, suspension & steering, brakes, electrical, and heating & air conditioning.	1 exam required; 55 questions; 90 minutes	None	1 years of work experience is required.	None	www.ase.com
NIASE077	ASE Entry-level - Auto: Automatic Transmission/Transaxle (AT)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Automatic Transmission/Transaxle (AT) certification tests knowledge in general transmission and transaxle diagnosis, in-vehicle transmission/transaxle maintenance and repair, and off-vehicle transmission and transaxle repair.	1 exam required; 40 questions; 22 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE078	ASE Entry-level - Auto: Automobile Service Technology (AS)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Automobile Service Technology (AS) certification tests knowledge in engine repair; automatic transmission and transaxle; manual drive train and axles; suspension and steering; brakes; electrical/electronic systems; heating and air conditioning; engine performance; and supplemental tasks.	1 exam required; 80 questions; 45 of 80 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE079	ASE Entry-level - Auto: Brakes (BR)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Brakes (BR) certification tests knowledge in general brake systems diagnosis; hydraulic system diagnosis and repair; drum brake diagnosis and repair; disc brake diagnosis and repair; power-assist units diagnosis and repair; miscellaneous (wheel bearings, parking brakes, electrical); and electronic brake control systems (ABS, TCS and ESC, D&R).	1 exam required; 40 questions; 21 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE080	ASE Entry-level - Auto: Electrical/Electronic Systems (EE)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Electrical/Electronic Systems (EE) certification tests knowledge in general electrical system diagnosis; battery diagnosis and service; starting system diagnosis and repair; charging system diagnosis and repair; lighting systems diagnosis and repair; instrument cluster and driver information systems D&R; and body electrical systems diagnosis and repair.	1 exam required; 40 questions; 20 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE081	ASE Entry-level - Auto: Engine Performance (EP)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Engine Performance (EP) certification tests knowledge in general engine diagnosis; computerized controls diagnosis and repair, ignition system diagnosis and repair; fuel, air induction, and exhaust systems diagnosis and repair; and emissions control systems diagnosis and repair.	1 exam required; 40 questions; 21 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE082	ASE Entry-level - Auto: Engine Repair (ER)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Engine Repair (ER) certification tests knowledge in general engine diagnosis, removal and reinstallation; cylinder head and valve train diagnosis and repair; engine block assembly diagnosis and repair; and lubrication and cooling systems diagnosis and repair.	1 exam required; 40 questions; 22 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE083	ASE Entry-level - Auto: Heating and Air Conditioning (AC)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Heating and Air Conditioning (AC) certification tests knowledge in general A/C system diagnosis and repair; refrigeration system component diagnosis and repair; heating, ventilation, and engine cooling systems diagnosis and repair; operating systems and related controls diagnosis and repair; and refrigerant recovery, recycling, and handling.	1 exam required; 40 questions; 20 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE084	ASE Entry-level - Auto: Manual Drive Train and Axles (MD)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Manual Drive Train and Axles (MD) certification tests knowledge in drive train diagnosis; clutch diagnosis and repair; transmission/transaxle diagnosis and repair; drive shaft and half shaft, universal and CV joint; drive axle diagnosis and repair; and four-wheel drive/all-wheel drive component diagnosis and repair.	1 exam required; 40 questions; 21 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE085	ASE Entry-level - Auto: Suspension and Steering (SS)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Auto: Suspension and Steering (SS) certification tests general suspension and steering systems; steering systems diagnosis and repair; suspension systems diagnosis and repair; related suspension and steering service; wheel alignment diagnosis, adjustment, and repair; and wheels and tires diagnosis and repair.	1 exam required; 40 questions; 20 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE086	ASE Entry-level - Collision: Mechanical and Electrical (ME)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Collision: Mechanical and Electrical (ME) certification tests knowledge in suspension and steering; electrical; brakes; heating and air conditioning; cooling systems; drive train; fuel, intake and exhaust systems; and restraint systems.	1 exam required; 40 questions; 22 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE087	ASE Entry-level - Collision: Non-structural Analysis and Damage Repair (NS)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Collision: Non-structural Analysis and Damage Repair (NS) certification tests knowledge in preparation; outer body panel repair, replacements, and adjustments; metal finishing and body filling; moveable glass and hardware; metal welding and cutting; and plastics and adhesives.	1 exam required; 40 questions; 22 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE088	ASE Entry-level - Collision: Painting and Refinishing (PR)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Collision: Painting and Refinishing (PR) certification tests knowledge in safety precautions; surface preparation; spray gun and related equipment operation; paint mixing, matching, and applying; paint defects – cause and cures; and final detail.	1 exam required; 40 questions; 23 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE089	ASE Entry-level - Collision: Structural Analysis and Damage Repair (SR)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Collision: Structural Analysis and Damage Repair (SR) certification tests knowledge in frame inspection and repair; unibody and unitized structure inspection, measurement, and repair; stationary glass; and metal welding and cutting.	1 exam required; 40 questions; 22 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE090	ASE Entry-level - Truck: Brakes (TB)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Truck: Brakes (TB) certification tests knowledge in air brakes; hydraulic brakes; air and hydraulic antilock brake systems and automatic traction control; and wheel bearings.	1 exam required; 40 questions; 20 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE091	ASE Entry-level - Truck: Diesel Engines (DE)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Truck: Diesel Engines (DE) certification tests knowledge in general diesel engine inspection; cylinder head and valve train; engine block; lubrication system; cooling system; air induction, exhaust systems and engine brakes; and fuel system.	1 exam required; 40 questions; 21 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE092	ASE Entry-level - Truck: Electrical/Electronic Systems (TE)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Truck: Electrical/Electronic Systems (TE) certification tests knowledge in general electrical systems; battery; starting systems; charging system diagnosis and repair; lighting systems; gauges and warning devices; and related electrical systems.	1 exam required; 40 questions; 21 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/
NIASE093	ASE Entry-level - Truck: Steering & Suspension (TS)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Truck: Steering & Suspension (TS) certification tests knowledge in steering systems; suspension systems; wheel alignment diagnosis, adjustment, and repair; wheels and tires; and frame and coupling devices.	1 exam required; 40 questions; 20 of 40 required to pass	None	None	None	http://www.ase.com/entry-level/

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NIASE094	ASE Entry-level - Truck: Inspection, Maintenance, and Minor Repair (IM)	National Institute for Automotive Service Excellence	CAPE Industry Certification	The ASE Entry-level - Truck: Inspection, Maintenance, and Minor Repair (IM) certification exam tests competencies in diesel engines, drive train, brakes, suspension and steering, electrical/electronic systems, HVAC, and cab.	1 exam required; 60 questions; 36 required to pass	None	None	None	www.ase.com/entry-level
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The CNC Milling: Programming Setup & Operations certification measures knowledge and skills in CNC milling; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The CNC Turning: Programming Setup & Operations certification measures knowledge and skills in CNC turning; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org
NIFMS008	NIMS Machining Level I - Turning Operations: Turning Between Centers	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The Turning Operations: Turning Between Centers certification measures knowledge and skills in turning between centers; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org
NIFMS010	NIMS Machining Level I - Turning Operations: Turning Chucking Skills	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The Turning Operations: Turning Chucking Skills certification measures knowledge and skills in turning chucking skills; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org
NIFMS013	NIMS Machining Level I - Drill Press Skills I	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The Drill Press Skills I certification measures knowledge and skills in drill press skills; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required	Performance project must be completed prior to taking the exam.	None	None	www.nims-skills.org
NIFMS014	NIMS Machining Level I - CNC Milling: Operations	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The CNC Milling: Operations certification measures knowledge and skills in CNC milling; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required, 48 questions	Performance project must be completed prior to taking exam.	None	None	www.nims-skills.org
NIFMS016	NIMS Machining Skills I - Grinding Skills I	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The Grinding Skills I certification measures knowledge and skills in grinding skills; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required, 47 questions	Performance project must be completed prior to taking exam.	None	None	www.nims-skills.org
NIFMS017	NIMS Machining Level I - Manual Milling Skills I	National Institute for Metalworking Skills (NIMS)	CAPE Industry Certification	The Manual Milling Skills I certification measures knowledge and skills in manual milling; quality control and inspection; process improvement and adjustment; general maintenance; and industrial safety and environmental protection.	1 exam required, 56 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)	CAPE Industry Certification	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
NRAEF003	Certified Food Protection Manager (ServSafe®)	National Restaurant Association Educational Foundation	CAPE Industry Certification	The Certified Food Protection Manager (ServSafe®) certification measures knowledge and skills in FDA Food Code, food safety research and food sanitation training.	1 exam required	None	None	None	www.nraef.org
NREMT001	Emergency Medical Technician (EMT)	National Registry of Emergency Medical Technicians	CAPE Industry Certification	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
NREMT003	Emergency Medical Responder	National Registry of Emergency Medical Technicians	CAPE Industry Certification	The Emergency Medical Responder certification tests competencies on the knowledge and skills necessary to provide immediate lifesaving interventions while awaiting additional EMS resources to arrive. EMRs also provide assistance to higher-level personnel at the scene of emergencies and during transport. Under medical oversight, Emergency Medical Responders perform basic interventions with minimal equipment.	2 exams required (cognitive and psychomotor); Cognitive exam: online; 90-110 questions; 1 hour and 45 minutes; Psychomotor exam: candidate must demonstrate competence (performance based). All EMR psychomotor exams are administered by either the State EMS Office or at the training institution (with approval and oversight provided by the State EMS Office).	None	None	None	https://www.nremt.org/EMR/Certification
NRFSP001	Certified Food Safety Manager	National Registry of Food Safety Professionals	CAPE Industry Certification	The Certified Food Safety Manager certification measures knowledge and skills in food safety standards to demonstrate knowledge and skills meet measurable and specified food safety standards adopted by the Conference for Food Protection to protect the public from foodborne illnesses.	1 exam required	None	None	None	www.nrfsp.com/
NRFSP002	HACCP Certification	National Registry of Food Safety Professionals	CAPE Industry Certification	The HACCP (Hazard Analysis and Critical Control Point) Certification exam tests competencies in preliminary activities; hazard analysis; detailed control measures; verification activities; and implementation and continuous improvement activities	1 exam required	Candidates must submit a signed Examinee Consent Form and agree to the Code of Conduct to be eligible to sit for the certification	None	None	www.nrfsp.com
OEDGP001	PCAP – Certified Associate in Python Programming	OpenEDG Python Institute	CAPE Industry Certification	The PCAP – Certified Associate in Python Programming certification shows that the individual is familiar with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantics and the runtime environment, as well as with general coding techniques and object-oriented programming.	1 exam required; 65 minutes; 40 questions; single-choice and multiple-choice questions; minimum passing score of 70%	None	None	None	https://pythoninstitute.org/certification/pcap-certification-associate/
ORACL004	Oracle Certified Associate (OCA): Java Programmer	Oracle Corporation	CAPE Industry Certification	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
ORACL005	Oracle Certified Professional (OCP): Java Programmer	Oracle Corporation	CAPE Industry Certification	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
PRMIN004	PMI Project Management Ready	Project Management Institute (PMI)	CAPE Industry Certification	The PMI Project Management Ready certification presents the tools needed to apply project management knowledge to a wide range of career paths. The certification exam test competencies in the following topics: project management fundamentals and core concepts; traditional plan-based methodologies; agile frameworks/methodologies; and business analyst frameworks.	1 exam required; 47 questions; 50 minutes	None	None	None	https://www.pmi.org/certifications/pmi-project-management-ready
PRODL801	Coding in Minecraft	Prodigy Learning	CAPE Digital Tool Certificate	Coding in Minecraft measures knowledge and skills in computer science and coding through game-based learning.	1 exam required; 30 questions; 50 minutes	None	None	None	www.certiport.com
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	Certification Partners	CAPE Industry Certification	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 (1D0-525); 72 questions; 75 minutes; passing score of 68% or more required	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-design-series
PROSO006	Certified Internet Web (CIW) Database Design Specialist	Certification Partners	CAPE Industry Certification	The CIW Database Design Specialist certification provides introductory vendor-neutral training for individuals planning to pursue product-focused database specialization. Competencies include DB2, Oracle Database 11g, MS SQL and mySQL, as well as Structured Query Language (SQL) and database optimization through normalization.	1 exam required (1D0-541); 50 questions; 90 minutes; passing score of 75% or more required	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-development-series

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PROSO017	Certified Internet Web (CIW) JavaScript Specialist	Certification Partners	CAPE Industry Certification	The Certified Internet Web (CIW) JavaScript Specialist certification measures knowledge and skills on how to use the JavaScript language. Competencies tested include essential principles and practices, debugging and troubleshooting code, control program flow, document object model (DOM), language objects and expressions, custom objects, modify HTML, interactive forms, security issues involving browsers and cookies, libraries and frameworks, interactive Web applications and implementing Web application programming interfaces.	1 exam required (1D0-735); 55 questions; 90 minutes; passing score of 70.91% or more required	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-development-series
PROSO021	Certified Internet Web (CIW) Web Design Professional	Certification Partners	CAPE Industry Certification	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	https://www.ciwcertified.com/ciw-certifications/web-design-series
PROSO022	Certified Internet Web (CIW) Web Design Specialist	Certification Partners	CAPE Industry Certification	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 (1D0-520); 70 questions; 75 minutes; passing score of 70% or more is required	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-design-series
PROSO023	Certified Internet Web (CIW) Web Development Professional	Certification Partners	CAPE Industry Certification	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	https://www.ciwcertified.com/ciw-certifications/web-development-series
PROSO024	Certified Internet Web (CIW) Web Foundations Associate	Certification Partners	CAPE Industry Certification	The Certified Internet Web (CIW) Web Foundations Associate certification measures knowledge and skills in Internet business, data networking and web site design. This certification measures knowledge and skills for specialties in web design, e-commerce, JavaScript, databases and other fields.	1 exam required (1D0-610); 90 questions; 90 minutes; passing score of 63.33 or more is required **OR** 3 exams required: Internet Business Associate (1D0-61A), Site Development Associate (1D0-61B), and Network Technology Associate (1D0-61C); each exam is 30 minutes and has 30 questions	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-foundations-series
PROSO025	Certified Internet Web (CIW) Web Security Associate	Certification Partners	CAPE Industry Certification	The Certified Internet Web (CIW) Web Security Associate certification measures knowledge and skills in how 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.	3 exams required (CIW Foundations, CIW Server Administrator, and CIW Internetworking Professional)	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-security-series
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	Certification Partners	CAPE Industry Certification	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, as well as to traditional PCs.	1 exam required (1D0-620); 55 questions; 75 minutes; 72.73% passing score	None	None	None	https://www.ciwcertified.com/ciw-certifications/web-and-mobile-design-series/advanced-html5-and-css3-specialist
PROSO030	Certified Internet Web (CIW) Data Analyst Specialist	Certification Partners	CAPE Industry Certification	The Data Analyst Specialist certification exam tests knowledge in data analysis fundamentals, big data, working with data sources, tools for capturing and analyzing data, and analyzing and reporting data.	1 exam required (1D0-622); 48 questions; 75 minutes; passing score of 75% or more required	None	None	None	www.ciwcertified.com/ciw-certifications
PROSO031	Certified Internet Web (CIW) Social Media Strategist	Certification Partners	CAPE Industry Certification	The Social Media Strategist certification exam tests knowledge in social media; social media in business; campaigns; platforms; presentations and blogs; risk, reputation and crisis management; advertising; metrics and analysis; and reporting and optimization.	1 exam required (1D0-623); 55 questions; 90 minutes; passing score of 76.36% or more required	None	None	None	www.ciwcertified.com/ciw-certifications
PROSO032	Certified Internet Web (CIW) User Interface Designer	Certification Partners	CAPE Industry Certification	The User Interface Designer certification exam tests knowledge in design projects; process; web design; design principles; color, typography, layout, and wireframing; designing basic web page user interface; web site navigation concepts; designing an interactive web page user interface; user interface design and search engine optimization strategies.	1 exam required (1D0-621); 54 questions; 75 minutes; passing score of 74.07% or more required	None	None	None	www.ciwcertified.com/ciw-certifications
PROSO801	ICT – Database Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT – Database Essentials certification measures knowledge and skills in the fundamentals of using relational databases, including row and field structure, data types, tables, queries, data import/export mechanisms, and basic Structured Query Language (SQL) statements for managing and manipulating data and creating reports.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/database.php
PROSO802	ICT – Gaming Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT – Gaming Essentials certification measures knowledge and skills in the fundamentals of interactive computer game creation, including design process, criteria and constraint identification, content research, storyboard creation, program flow modeling, program code creation, and result evaluation and modification practices.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/gaming.php
PROSO803	ICT – Multimedia Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT – Multimedia Essentials certification measures knowledge and skills in the fundamentals of designing and creating digital slide presentations, including formatting basics, slide transitions, animation, timing, titling, and integration of images, graphics, audio/video and other compatible files.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/multimedia.php
PROSO804	ICT – Programming & Logic Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT – Programming & Logic Essentials certification measures knowledge and skills in the basics of programming languages, including Boolean concepts, truth tables, logic, program structure, pseudo-code, iterative statements and syntax	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/programming-and-logic.php
PROSO805	ICT – Web Design Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT – Web Design Essentials certification measures knowledge and skills in the basics of designing and creating basic Web sites, including Web page elements, page layout, use of color, graphical user interface (GUI) tools, integration of multimedia, HTML coding, navigation and site publishing.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/webdesign.php
PROSO806	ICT - Communications Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT Communications Essentials certification measures knowledge and skills in the fundamentals of basic network functions and Internet connections, Web search strategies, online safety and privacy, Web site content and email communication.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/communications.php
PROSO807	ICT - Computing Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT Computing Essentials certification measures knowledge and skills in the fundamentals of computers and their functionality, including types and functions of computers and computer systems, computer hardware, applications, file management and the basics of computer networking.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/computing.php
PROSO808	ICT - Cybersecurity Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT CyberSecurity Essentials measures knowledge and skills in the fundamentals of personal online security and safety, including cybersecurity, securing from threats to computer systems and other topics especially relevant to students.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/cybersecurity.php
PROSO809	ICT - Spreadsheet Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT Spreadsheet Essentials certification measures knowledge and skills in the fundamentals of creating and using spreadsheets, including the purpose of spreadsheets; spreadsheet elements; how to insert, format, copy and move cell data, and format columns and rows; creating and modifying tables and charts; and functions and conditional formatting.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/spreadsheet.php
PROSO810	ICT - Word Processing Essentials	Certification Partners	CAPE Digital Tool Certificate	The ICT Word Processing Essentials measures knowledge and skills in the fundamentals of using common word-processing application software, including the creation, editing and design of documents; the use of text structures; and collaboration on word-processing documents.	1 exam required	None	None	None	http://www.ictcertified.com/ict-essentials/word.php

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PROSO811	ICT - Fundamentals	Certification Partners	CAPE Digital Tool Certificate	ICT Fundamentals focuses on introductory digital tool literacy, and measures knowledge and skills in computing functions, networking types, Internet communication functions, Web browser and search engine functions, cloud applications, word processing, spreadsheets, Internet safety, ethical and legal issues, and security issues.	1 exam required; 30 questions; 45 minutes	None	None	None	http://www.ictcertified.com/ict-fundamentals/ict-fundamentals.php
PROSO812	ICT Digital Citizenship and Ethics	Certification Partners	CAPE Digital Tool Certificate	The ICT Digital Citizenship and Ethics exam focuses on Internet technologies, Websites, Web languages, browsers and other online resources and tools. Candidates will also identify the purpose, uses and benefits of copyright, fair-use guidelines, global awareness of laws, security, privacy and cultural differences.	1 exam required; 30 questions; 45 minutes; Minimum passing score of 70%	None	None	None	http://www.ictcertified.com/ict-digital-citizenship-and-ethics/ict-digital-citizenship-and-ethics.php
PTCBD001	Pharmacy Technician	Pharmacy Technician Certification Board	CAPE Industry Certification	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
RECFN001	RECF Pre-Engineering Certification	Robotics Education and Competition Foundation	CAPE Industry Certification	The RECF Pre-Engineering Certification measures knowledge and skills in fundamentals of engineering and two of the following eight areas: aerospace pre-engineering, chemical pre-engineering, civil pre-engineering, computer science/programming, electrical pre-engineering, engineering technology, manufacturing technology, and mechanical pre-engineering.	A series of module-based exams; passing score of 80% or greater across all the modules and any modules with a score less than 70% must be retaken.	Individuals are expected to have at least 150 hours of pre-engineering classroom learning experience before taking the exam for this certification. Individuals must take the Fundamentals of Engineering plus a minimum of any two out of the eight engineering modules in order to receive the RECF Pre-Engineering Certification.	None	None	www.roboticseducation.org
RECFN002	RECF Robotics Certification	Robotics Education and Competition Foundation	CAPE Industry Certification	The RECF Robotics Certification measures knowledge and skills in fundamentals of engineering, computer science/programming, electrical pre-engineering, and mechanical pre-engineering.	A series of module-based exams; passing score of 80% or greater across all the modules and any modules with a score less than 70% must be retaken.	Individuals are expected to have at least 150 hours of robotics classroom learning experience before taking the exam for this certification. Individuals must take the Fundamentals of Engineering plus three engineering modules in order to receive the RECF Robotics Certification.	None	None	www.roboticseducation.org
SALES001	Salesforce Certified Administrator	Salesforce	CAPE Industry Certification	Salesforce Administrators work with stakeholders to define requirements, customize the platform, and enable users to get the most out of Salesforce, a customer relationship management (CRM) platform. This CRM platform allows users to automate business processes, create reports & dashboards and monitor customer relationships.	1 exam required; 60 questions; 65% must be answered correctly to pass	None	None	None	https://trailhead.salesforce.com/en/credentials/administratoroverview
SOCTE004	Broadband Premises Installer (BPI)	Society of Cable Telecommunications Engineers	CAPE Industry Certification	The Broadband Premises Installer certification measures knowledge and skills to install and troubleshoot telecommunications services (video, voice, and data) at the customer's premises. The successful certification candidate has the knowledge to carry out a basic "triple-play" installation but is not yet proficient.	1 exam required; 50 multiple choice questions; computer based; passing score of 76% or greater required	None	None	None	www.scte.org
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	Dassault Systems Solidworks Corporation	CAPE Industry Certification	The Certified Solidworks Associate-Academic (CSWA-Academic) certification measures a person's knowledge and competency with Solidworks mechanical design software.	1 exam required; 3 hours; passing score of 70% or greater required	None	None	None	www.solidworks.com/certification
SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	Dassault Systems Solidworks Corporation	CAPE Industry Certification	The Certified Solidworks Professional - Academic certification exam is delivered in three segments featuring hands-on challenges. Segment 1 tests competencies in creating a part from a drawing; using linked dimensions and equations to aid in modeling; using equations to relate dimensions; updating parameters and dimension sizes; mass property analysis; modifying geometry on initial part to create a more complex part; modifying parameters on the part at different stages while maintaining all other dimensions and design intent. Segment 2 tests creating configurations from other configurations; changing configurations; creation of configurations using a design table; mass properties; changing and/or rearranging features of an existing Solidworks part. Segment 3 tests creating an assembly; adding parts to an assembly; collision detection when moving a part in an assembly; interference detection; basic and advanced mates; rigid and flexible subassemblies; replacing a part with another part in an assembly; creating a coordinate system; and using a coordinate system to perform mass properties analysis.	3 Exam Segments required:
1: 70 min.; passing score of 75/105
2: 50 min.; passing score of 77/104
3: 80 min.; passing score of 77/109
Total exam length is 3 hours 20 min.	None	None	This certification is intended for a student with a minimum of 1 to 2 years of SOLIDWORKS experience and advanced knowledge of engineering practices.	www.solidworks.com
TAFLP001	Accredited Legal Professional (ALP)	NALS…the Association for Legal Professionals	CAPE Industry Certification	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
TBOOM001	Toon Boom Certified Associate (Harmony Premium)	Toon Boom Animation	CAPE Industry Certification	The Toon Boom Certified Associate (Harmony) certification is a certification that validates entry-level skills for the production of high-quality animation. Harmony is the industry-standard tool for drawing, animating, working in a 3D space, creating camera moves, and doing special effects. This software has an advanced system for character rigging, with tools to create characters with body parts on separate layers.	1 exam required; 25 multiple choice questions; passing score of 80% or higher required	None	None	None	www.toonboom.com/education/certification
TBOOM003	Toon Boom Certified Associate (Storyboard Pro)	Toon Boom Animation	CAPE Industry Certification	The Toon Boom Certified Associate (Storyboard Pro) certification is a certification that validates entry-level skills needed to plan, lay out, and time productions. Storyboard Pro can be used to plan live action video shoots, animated productions, films, games, presentations, events, and more. It enables users to draw, plan sequences of panels, import media from a wide range of sources, and time projects out. Projects can then be exported in a wide array of industry standard formats.	1 exam required; 25 multiple choice questions; passing score of 80% or higher required	None	None	None	www.toonboom.com/education/certification
TBOOM004	Toon Boom Certified Associate (Harmony Advanced)	Toon Boom Animation	CAPE Industry Certification	The Toon Boom Certified Associate (Harmony Advanced) certification measures knowledge in animation, keyframe animation, traditional animation, cut-out animation, coloring, character design, background design and drawing tools.	1 exam; 35 questions; 24 of 35 required to pass	None	None	None	https://www.toonboom.com/education/certification
UNITY001	Unity Certified Associate	Unity Technologies	CAPE Industry Certification	The Unity Certified Associate exam tests competencies in animation, asset management, audio, editor interface, employment preparedness, game art principles, game design principles, industry awareness, lighting, materials and effects, navigation and pathfinding, physics, programming, project management, and user interface.	1 exam required; 100 questions over 16 topic areas; 90 minutes	None	None	None	https://certification.unity.com/products/certified-associate
UNITY002	Unity Certified User: Programmer	Unity Technologies	CAPE Industry Certification	The Unity Certified User certification focuses on C# programming with Unity technology. It covers the basics to create interactivity in games, apps, AR/VR, and other experiences. Individuals will be expected to have at least 150 hours of Unity software use and training to obtain the certification.	1 exam required; 40 questions; 50 minutes	None	None	None	unity.com
UNITY003	Unity Certified User: Artist	Unity Technologies	CAPE Industry Certification	The Unity Certified User: Artist certification allows candidates to demonstrate their ability to work in the rigorous game art pipeline that exists in the game industry. Candidates will be tested on their knowledge of the art workflow within the industry-standard Unity game engine. Competencies tested include importing and working with 2D and 3D assets, placing and designing levels, and using Unity tools to assist in experience creation.	1 exam required; 40 questions; 50 minutes	None	None	None	certiport.com/unity
UNITY004	Unity Certified User: VR Developer	Unity Technologies	CAPE Industry Certification	The Unity Certified User: VR Developer certification exam tests the candidate's ability to create virtual reality experiences and programs within Unity software. Competencies tested include setup, interaction and optimization of virtual reality experiences in Unity software.	1 exam required; 20 questions; 30 minutes	Candidates must have previously earned the Unity Certified User: Programmer Certification.	None	None	certiport.com/unity
USINS001	Small UAS (sUAS) Safety Certification: Level 1	Unmanned Safety Institute	CAPE Industry Certification	The Small UAS (sUAS) Safety Certification: Level 1 measures knowledge and skills in understanding UAS systems, responsible operators, operations planning, human factors and CRM, identifying hazards, aeronautical decision making, and dealing with emergencies.	1 exam required; 80 percent or higher is required to pass.	Small UAS Ground School course must be completed prior to taking exam.	None	None	https://www.unmannedsafetyinstitute.org/safety-certifications

DOE Code	Certification/Credential Title	Issuing Organization/Provider	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	Certification/Credential Description	Written Exam Requirements	Other Requirements (Age, program completion, etc.)	Work Experience	Additional Information	Agency Website
USINS002	Visual Line of Sight System Operator (VSO) Ground	Unmanned Safety Institute	CAPE Industry Certification	The Visual Line of Sight System Operator (VSO) Ground certification measures knowledge, skills and aeronautical experience necessary to meet the requirements for the FAA Unmanned Aircraft System Operator Certificate. Preparation for the certification includes an online training phase and an in-person flight training phase.	1 exam required, 75 questions; 80 percent or higher is required to pass.	Online training phase and an in-person flight training phase must be completed prior to taking exam.	None	None	https://www.unmannedsafetyinstitute.org/safety-certifications

DISCLAIMERS: 1) Waivers of work experience requirements for industry certifications approved under s.1008.44(3), F.S., are not noted in the work experience requirements. Please refer to the CAPE Industry Certification Funding List (non-detailed) for waiver of work experience requirements.