

**STATE BOARD OF EDUCATION**  
**Consent Item**  
January 16, 2019

**SUBJECT:** Amendment to Rule 6A-6.0573, Industry Certification Process

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**PROPOSED BOARD ACTION**

For Approval

**AUTHORITY FOR STATE BOARD ACTION**

Sections 1003.492(2) and 1008.44, Florida Statutes

**EXECUTIVE SUMMARY**

The proposed amendment incorporates by reference the 2018-2019 CAPE Industry Certification Funding List, Revised.

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**Supporting Documentation Included:** Proposed Rule 6A-6.0573, F.A.C. and 2018-2019 CAPE Industry Certification Funding List, Revised

**Facilitator/Presenter:** Rod Duckworth, Chancellor, Division of Career and Adult Education



**6A-6.0573 Industry Certification Process.**

(1) Purpose. The purpose of this rule is to specify the procedures and timelines for implementation of an industry certification process.

(2) through (4) No change.

(5) Adoption of an annual “CAPE Industry Certification Funding List.” The “CAPE Industry Certification Funding List” is composed of industry certifications, certificates, and courses as specified in sections 1008.44 and 1011.62(1), F.S.

(a) The list includes the following certifications and certificates:

1. “CAPE Industry Certifications,”
2. “CAPE Acceleration Industry Certifications;” and,
3. “CAPE Digital Tool Certificates.”

(b) This list will be known as the “2018-2019 CAPE Industry Certification Funding List, Revised”

(<http://www.flrules.org/Gateway/reference.asp?No=Ref-10027>) published by the Department of Education and is incorporated by reference in this rule. The list may be obtained from the Department of Education, Room 744, Turlington Building, 325 West Gaines Street, Tallahassee, FL 32399.

(6) through (18) No change.

*Rulemaking Authority 1001.02, 1003.4203(9), 1003.492(3), 1008.44, 1011.62(1) FS. Law Implemented 1003.4203, 1003.492, 1003.493, 1003.4935, 1008.44, 1011.62(1), 1012.796 FS. History—New 10-20-08, Amended 8-18-09, 6-22-10, 6-21-11, 10-25-11, 8-23-12, 3-25-13, 11-3-13, 6-25-14, 11-4-14, 5-19-15, 9-30-15, 7-26-16, 10-30-16, 4-25-17, 10-17-17, 6-19-18, 11-28-18,*

2018-2019 CAPE Industry Certification Funding List, Revised

| DOE Code | Certification/Credential Title   | Issuing Organization/Provider                                | New to List | Primary Career Cluster <sup>1</sup>      | Type CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate | Certification Version, if applicable | Differentiated Waiver of Certification Requirements <sup>2</sup> | Weight |
|----------|--|--|-------------|--|---|--------------------------------------|--|--------|
| ABAYC003 | Marine Electrical Certification  | American Boat & Yacht Council                                |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.2    |
| ACSIM002 | Certified Personal Trainer   | American College of Sports Medicine                          |             | Human Services                           | CAPE Industry Certification   |                                      |  | 0.1    |
| ADESK002 | Autodesk Certified User - AutoCAD  | Autodesk   |             | Architecture & Construction              | CAPE Industry Certification   | AutoCAD 2014 or later                |  | 0.2    |
| ADESK008 | Autodesk Certified User - Revit Architecture                               | Autodesk   |             | Architecture & Construction              | CAPE Industry Certification   | Revit Architecture 2012 or later     |  | 0.2    |
| ADESK011 | Autodesk Certified User - Inventor   | Autodesk   |             | Engineering and Technology Education     | CAPE Industry Certification   | Inventor 2014 or later               |  | 0.2    |
| ADESK021 | Autodesk Certified Professional - AutoCAD                                  | Autodesk   |             | Architecture & Construction              | CAPE Industry Certification   | AutoCAD 2015 or later                |  | 0.2    |
| ADESK023 | Autodesk Certified Professional - AutoCAD Civil 3D                         | Autodesk   |             | Architecture & Construction              | CAPE Industry Certification   | AutoCAD 2015 Civil 3D or later       |  | 0.2    |
| ADESK024 | Autodesk Certified Professional - Inventor                                 | Autodesk   |             | Engineering and Technology Education     | CAPE Industry Certification   | Inventor 2015 or later               |  | 0.2    |
| ADESK025 | Autodesk Certified Professional - Revit Architecture                       | Autodesk   |             | Architecture & Construction              | CAPE Industry Certification   | Revit Architecture 2015 or later     |  | 0.2    |
| ADESK029 | Autodesk Certified Professional - 3ds Max                                  | Autodesk   |             | Architecture & Construction              | CAPE Industry Certification   | 3ds Max 2015 or later                |  | 0.1    |
| ADESK031 | Autodesk Certified User - 3ds Max  | Autodesk   | Yes         | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| AD0BE002 | Adobe Certified Expert (ACE) - After Effects                               | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | After Effects CC 2015 or later       |  | 0.1    |
| AD0BE003 | Adobe Certified Expert (ACE) - Illustrator                                 | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Illustrator CC 2015 or later         |  | 0.1    |
| AD0BE004 | Adobe Certified Expert (ACE) - InDesign                                    | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | In Design CC 2015 or later           |  | 0.1    |
| AD0BE005 | Adobe Certified Expert (ACE) - Photoshop                                   | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Photoshop CC 2015 or later           |  | 0.1    |
| AD0BE007 | Adobe Certified Expert (ACE) - Premiere Pro                                | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Premiere Pro CC 2015 or later        |  | 0.1    |
| AD0BE010 | Adobe Certified Associate (ACA) - Dreamweaver                              | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Dreamweaver CC 2015 or later         |  | 0.2    |
| AD0BE011 | Adobe Certified Associate (ACA) - Flash/Animate                            | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Animate CC 2015 or later             |  | 0.2    |
| AD0BE013 | Adobe Certified Expert (ACE) - Acrobat                                     | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Acrobat X Pro or later               |  | 0.1    |
| AD0BE018 | Adobe Certified Associate (ACA) - Premiere Pro                             | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Premiere Pro CC 2015 or later        |  | 0.1    |
| AD0BE020 | Adobe Certified Associate (ACA) - Illustrator                              | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Illustrator CC 2015 or later         |  | 0.1    |
| AD0BE021 | Adobe Certified Associate (ACA) - InDesign                                 | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | In Design CC 2015 or later           |  | 0.1    |
| AD0BE022 | Adobe Certified Associate (ACA) - Photoshop (Creative Cloud 2015 or later) | Adobe Systems  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Photoshop CC 2015 or later           |  | 0.1    |
| AH1AE010 | Certified Front Desk Supervisor  | American Hotel and Lodging Association Educational Institute |             | Hospitality & Tourism                    | CAPE Industry Certification   |                                      |  | 0.1    |
| AC0PB001 | Certified Bookkeeper   | American Institute of Professional Bookkeepers               |             | Business Management and Administration   | CAPE Industry Certification   |                                      |  | 0.1    |
| AMAMA001 | Certified Medical Assistant (CMA)  | American Association of Medical Assistants                   |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |
| AMDDA002 | Certified Apprentice Drafter - Architectural                               | American Design Drafting Association                         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| AMDDA003 | Certified Drafter - Architectural  | American Design Drafting Association                         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| AMDDA004 | Certified Drafter - Mechanical   | American Design Drafting Association                         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| AMDDA005 | Certified Apprentice Drafter - Mechanical                                  | American Design Drafting Association                         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| AMEDT005 | Registered Phlebotomy Technician (RPT)                                     | American Medical Technologists (AMT)                         |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.2    |
| AMSPT002 | Certified Phlebotomy Technician  | American Society of Phlebotomy Technicians                   |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.2    |

2018-2019 CAPE Industry Certification Funding List, Revised

| DOE Code  | Certification/Credential Title   | Issuing Organization/Provider  | New to List | Primary Career Cluster <sup>1</sup>      | Type CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate | Certification Version, if applicable | Differentiated Waiver of Certification Requirements <sup>2</sup> | Weight |
|-----------|--|--|-------------|--|---|--------------------------------------|--|--------|
| APPLE002  | Apple Certified Technical Coordinator  | Apple, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| APPLE018  | Apple Certified Pro (ACP) - Logic Pro X  | Apple, Inc.  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   |                                      |  | 0.1    |
| APPLE019  | Apple Certified Support Professional   | Apple, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| APPLE020  | Apple Certified Pro (ACP) - Final Cut Pro X  | Apple, Inc.  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   |                                      |  | 0.2    |
| AVIDT001  | Avid Media Composer Certified User   | Avid   |             | Arts, AV Technology & Communication      | CAPE Industry Certification   |                                      |  | 0.1    |
| AWELD001  | Certified Welder   | American Welding Society   |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| CARCH001  | Chief Architect User Certification   | Chief Architect, Inc.  |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| CARCH002  | Chief Architect Certified Apprentice   | Chief Architect, Inc.  |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| CERHB001  | Biotechnician Assistant  | Center for Excellence for Regenerative Health Biotechnology at University of Florida |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.2    |
| CISCO003  | Cisco Certified Entry Network Technician (CCENT)                                     | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| CISCO004  | Cisco Certified Network Associate (CCNA)   | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| CISCO005  | Cisco Certified Network Professional (CCNP)  | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| CISCO011  | Cisco Certified Network Associate Security (CCNA Security)                           | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| CISCO013  | Cisco Certified Network Associate Wireless (CCNA Wireless)                           | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| CISCO017  | Cisco Certified Network Professional Wireless (CCNP Wireless)                        | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| CISCO018  | Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing & Switching) | Cisco Systems, Inc.  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| CNCISI001 | Mastercam Certified Programmer Mill Level 1 (CPGM1)                                  | CNC Software Inc.  |             | Engineering and Technology Education     | CAPE Industry Certification   |                                      |  | 0.1    |
| CNCISI002 | Mastercam Associate Certification - Mill Design and Toolpaths                        | CNC Software Inc.  |             | Engineering and Technology Education     | CAPE Industry Certification   |                                      |  | 0.1    |
| COMPT001  | CompTIA A+   | Computing Technology Industry Association (CompTIA)                                  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| COMPT002  | CompTIA CDIA+  | Computing Technology Industry Association (CompTIA)                                  |             | Arts, AV Technology & Communication      | CAPE Industry Certification   |                                      |  | 0.1    |
| COMPT005  | CompTIA Linux+   | Computing Technology Industry Association (CompTIA)                                  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| COMPT006  | CompTIA Network+   | Computing Technology Industry Association (CompTIA)                                  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| COMPT007  | CompTIA Project+   | Computing Technology Industry Association (CompTIA)                                  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| COMPT008  | CompTIA Security+  | Computing Technology Industry Association (CompTIA)                                  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| COMPT009  | CompTIA Server+  | Computing Technology Industry Association (CompTIA)                                  |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| COMPT016  | CompTIA Cybersecurity Analyst (CySA+)  | Computing Technology Industry Association (CompTIA)                                  | Yes         | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| CPREC001  | Child Development Associate (CDA)  | Council for Professional Recognition   |             | Education & Training                     | CAPE Industry Certification   |                                      |  | 0.1    |
| DIGIT001  | STARS GIS Technician   | DigitalQuest, Inc.   |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| DIGIT002  | SPACE Geospatial Certification   | DigitalQuest, Inc.   |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| ESRIC001  | ArcGIS Desktop Entry   | ESRI   |             | Information Technology                   | CAPE Industry Certification   | ArcGIS 10.3 or later                 |  | 0.2    |
| ETAIN006  | Avionics Electronics Technician  | Electronics Technician Association International                                     |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.1    |
| ETAIN008  | Associate Certified Electronics Technician (CETA)                                    | Electronics Technician Association International                                     |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.2    |

2018-2019 CAPE Industry Certification Funding List, Revised

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|----------|--|---|-------------|--|--|--------------------------------------|--|--------|
| FANUC001 | FANUC Certified Robot Operator - 1 (FCR-01)  | FANUC America Corporation   | Yes         | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.1    |
| FDMA002  | Certified Nursing Assistant (CNA)  | Florida Department of Health  |             | Health Science                           | CAPE Industry Certification  |                                      |  | 0.1    |
| FDMA030  | 911 Public Safety Telecommunicator   | Florida Department of Health  |             | Law, Public Safety & Security            | CAPE Industry Certification  |                                      |  | 0.2    |
| FEDAA002 | FAA Aviation Maintenance Technician - General                                      | Federal Aviation Administration   |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| FEDAA007 | FAA Pilot - Instrument   | Federal Aviation Administration   |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| FEDAA011 | FAA Private Pilot  | Federal Aviation Administration   |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.2    |
| FEDAA013 | FAA Ground School  | Federal Aviation Administration   |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| FEDAA015 | FAA Ground Instructor - Basic  | Federal Aviation Administration   |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| FLADA001 | Florida Automobile Dealers Association (FADA) Certified Technician                 | Florida Automobile Dealers Association  |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLADA001 | Aquaculture Technician   | Florida Aquaculture Association   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLDEP003 | Wastewater Treatment Plant Operator Level C  | Florida Department of Environmental Protection  |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      | Waiver of work experience requirement                            | 0.1    |
| FLDEP006 | Water Treatment Plant Operator Level C   | Florida Department of Environmental Protection  |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      | Waiver of work experience requirement                            | 0.1    |
| FLENG001 | Engineering Core certification   | Florida Engineering Society   |             | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR001 | AgriTechnology Specialist Certification  | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.2    |
| FLFBR002 | Agricultural Biotechnology Specialist Certification                                | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR003 | Agricultural Communications Specialist Certification                               | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR004 | Agricultural Mechanics Specialist Certification                                    | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR005 | Animal Science Specialist Certification  | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.2    |
| FLFBR006 | Agricultural Unmanned Aircraft Systems Specialist Certification                    | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR007 | Agriculture Associate Certification  | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.2    |
| FLFBR008 | Forestry Specialist Certification  | Agricultural Education Services and Technology Inc.   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR009 | Agriculture Systems Associate Certification  | Agricultural Education Services and Technology Inc.   | Yes         | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFBR010 | Natural Resources Specialist Certification   | Agricultural Education Services and Technology Inc.   | Yes         | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| FLFSM005 | Fire Fighter I   | Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training |             | Law, Public Safety & Security            | CAPE Industry Certification  |                                      |  | 0.1    |
| FLVMA002 | Certified Veterinary Assistant (CVA)   | Florida Veterinary Medical Association  |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.2    |
| FMAN001  | Precision Sheetmetal Operator - Level I (PSMO)                                     | Fabricators & Manufacturers Association, International (FMA)                                      |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| FNGLA001 | Certified Horticulture Professional  | Florida Nursery, Growers and Landscapes Association   |             | Agriculture, Food and Natural Resources  | CAPE Industry Certification  |                                      |  | 0.1    |
| GRBC002  | LEED Green Associate   | Green Building Certification Institute  |             | Architecture & Construction              | CAPE Industry Certification  |                                      |  | 0.2    |
| HBNS002  | Prior Apprenticeship Certificate Training (PACT), Building Construction Technology | Home Builders Institute   |             | Architecture & Construction              | CAPE Industry Certification  |                                      |  | 0.1    |
| HVACE001 | HVAC Excellence Employment Ready - Heat Pump                                       | HVAC Excellence   |             | Architecture & Construction              | CAPE Industry Certification  |                                      |  | 0.2    |
| HVACE002 | HVAC Excellence Employment Ready - Air Conditioning                                | HVAC Excellence   |             | Architecture & Construction              | CAPE Industry Certification  |                                      |  | 0.2    |
| HVACE011 | HVAC Excellence Employment Ready - Electrical                                      | HVAC Excellence   |             | Architecture & Construction              | CAPE Industry Certification  |                                      |  | 0.2    |

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|----------|---|---|-------------|--|---|--------------------------------------|--|--------|
| IEMSR001 | Emergency Medical Responder   | International EMS Registry                                  |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |
| IHKBZ001 | CNC Production Specialist   | IHK-Bildungszentrum   |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.2    |
| IHKBZ002 | Electronics Technician for Industrial Engineering   | IHK-Bildungszentrum   |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.2    |
| IHKBZ003 | Industrial Mechanic   | IHK-Bildungszentrum   |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| IHKBZ004 | Mechatronics Filter   | IHK-Bildungszentrum   |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.2    |
| IHKBZ005 | Precision Machinist   | IHK-Bildungszentrum   |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.2    |
| INTUT001 | Quickbooks Certified User   | Inuit   |             | Business Management and Administration   | CAPE Industry Certification   |                                      |  | 0.1    |
| ISCTE002 | Electronics System Associate (ESA)  | International Society for Certified Electronics Technicians |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.2    |
| MICRO017 | Microsoft Office Specialist Master  | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   | Office 2013 or later                 |  | 0.1    |
| MICRO062 | Microsoft Certified Trainer (MCT)   | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO069 | Microsoft Office Specialist (MOS) Bundle Certification (3 of 6)                             | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   | Office 2013 or later                 |  | 0.1    |
| MICRO070 | Microsoft Technology Associate (MTA) - Database Administration Fundamentals                 | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO074 | Microsoft Technology Associate (MTA) - Software Development Fundamentals                    | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| MICRO076 | Microsoft Technology Associate (MTA) - Windows OS Fundamentals                              | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO077 | Microsoft Technology Associate (MTA) - Security Fundamentals                                | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO078 | Microsoft Technology Associate (MTA) - Networking Fundamentals                              | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO080 | Microsoft Technology Associate (MTA) - HTML5 Application Developer Fundamentals             | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| MICRO086 | Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012                        | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO102 | Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals                    | Microsoft Corporation                                       |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| MICRO103 | Microsoft Technology Associate (MTA) - Introduction to Programming Using Block-Languages    | Microsoft Corporation                                       | Yes         | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO104 | Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript and CSS | Microsoft Corporation                                       | Yes         | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO105 | Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016                        | Microsoft Corporation                                       | Yes         | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MICRO106 | Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016                        | Microsoft Corporation                                       | Yes         | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.1    |
| MSSCN002 | MSSC Certified Logistics Technician (CLT)   | Manufacturing Skills Standards Council (MSSC)               |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.1    |
| NACFS001 | Modeling & Simulation (M&S) Certification   | National Center for Simulation                              |             | Information Technology                   | CAPE Industry Certification   |                                      |  | 0.2    |
| NAHUC001 | Certified Health Unit Coordinator (CHUC)  | National Association of Health Unit Coordinators, Inc.      |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |
| NASME001 | NASM Certified Personal Trainer (CPT)   | National Academy of Sports Medicine                         |             | Human Services                           | CAPE Industry Certification   |                                      |  | 0.1    |
| NATEX001 | Air Conditioning Service Technician   | North American Technician Excellence                        |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NATEX002 | Air Conditioning Installation Specialization  | North American Technician Excellence                        |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NATEX003 | Air to Air Heat Pump Installation Technician  | North American Technician Excellence                        |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NATHA002 | Certified EKG Technician (GET)  | National Healthcareer Association                           |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |
| NATHA003 | Certified Medical Administrative Assistant (CMAA)   | National Healthcareer Association                           |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |

2018-2019 CAPE Industry Certification Funding List, Revised

| DOE Code | Certification/Credential Title                            | Issuing Organization/Provider   | New to List | Primary Career Cluster <sup>1</sup>      | Type CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate | Certification Version, if applicable | Differentiated Waiver of Certification Requirements <sup>2</sup> | Weight |
|----------|---|---|-------------|--|---|--------------------------------------|--|--------|
| NATHA006 | Certified Patient Care Technician (CPCT)                  | National Healthcareer Association                                     |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |
| NATHA007 | Certified Phlebotomy Technician (CPT)                     | National Healthcareer Association                                     |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.2    |
| NATHA010 | Certified Pharmacy Technician (CPhT)                      | National Healthcareer Association                                     |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.2    |
| NATHA011 | Certified Electronic Health Record Specialist (CEHRS)     | National Healthcareer Association                                     |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.1    |
| NCAIT001 | Aircraft Electronics Technician (AET)                     | National Center for Aerospace and Transportation Technologies (NCATT) |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.1    |
| NCAIT003 | Aerospace / Aircraft Assembly (AAA)                       | National Center for Aerospace and Transportation Technologies (NCATT) |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.2    |
| NCCER005 | NCCER Carpentry - Level 1 (Secondary)                     | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER008 | NCCER Construction Technology (Secondary)                 | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NCCER010 | NCCER Electrical - Level 1 (Secondary)                    | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER013 | NCCER Electronic Systems Technician - Level 1 (Secondary) | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER018 | NCCER HVAC - Level 1 (Secondary)                          | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NCCER025 | NCCER Masonry - Level 1 (Secondary)                       | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER026 | NCCER Plumbing - Level 1 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER032 | NCCER Carpentry - Level 2 (Secondary)                     | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER033 | NCCER Carpentry - Level 3 (Secondary)                     | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER034 | NCCER Carpentry - Level 4 (Secondary)                     | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER036 | NCCER Concrete Finishing - Level 1 (Secondary)            | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER038 | NCCER Electrical - Level 2 (Secondary)                    | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER039 | NCCER Electrical - Level 3 (Secondary)                    | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER040 | NCCER Electrical - Level 4 (Secondary)                    | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER041 | NCCER Electronic Systems Technician - Level 2 (Secondary) | National Center for Construction Education & Research (NCCER)         |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER044 | NCCER Masonry - Level 2 (Secondary)                       | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER045 | NCCER Masonry - Level 3 (Secondary)                       | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER046 | NCCER Painting - Level 1 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER047 | NCCER Painting - Level 2 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER048 | NCCER Painting - Level 3 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER061 | NCCER Welding - Level 1 (Secondary)                       | National Center for Construction Education & Research (NCCER)         |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER062 | NCCER Welding - Level 2 (Secondary)                       | National Center for Construction Education & Research (NCCER)         |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER069 | NCCER Plumbing - Level 2 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER070 | NCCER Plumbing - Level 3 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER071 | NCCER Plumbing - Level 4 (Secondary)                      | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER081 | NCCER HVAC - Level 2 (Secondary)                          | National Center for Construction Education & Research (NCCER)         |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |



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|----------|---|---|-------------|--|---|--------------------------------------|--|--------|
| NCCER082 | NCCER HVAC - Level 3 (Secondary)  | National Center for Construction Education & Research (NCCER) |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER083 | NCCER HVAC - Level 4 (Secondary)  | National Center for Construction Education & Research (NCCER) |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER084 | NCCER Industrial Maintenance Mechanic - Level 1 (Secondary)                                     | National Center for Construction Education & Research (NCCER) |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER085 | NCCER Industrial Maintenance Mechanic - Level 2 (Secondary)                                     | National Center for Construction Education & Research (NCCER) |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER086 | NCCER Industrial Maintenance Mechanic - Level 3 (Secondary)                                     | National Center for Construction Education & Research (NCCER) |             | Manufacturing                            | CAPE Industry Certification   |                                      |  | 0.1    |
| NCCER088 | NCCER Manufactured Construction Technology - Level 1 (Secondary)                                | National Center for Construction Education & Research (NCCER) |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NCCER089 | NCCER Manufactured Construction Technology - Level 2 (Secondary)                                | National Center for Construction Education & Research (NCCER) |             | Architecture & Construction              | CAPE Industry Certification   |                                      |  | 0.2    |
| NCSBN002 | National Licensed Practical Nurse (NCLX-PN)   | National Council of State Boards of Nursing                   |             | Health Science                           | CAPE Industry Certification   |                                      |  | 0.2    |
| NIASE002 | ASE Master Automobile Technician  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE003 | ASE Master Medium/Heavy Truck Technician  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE005 | ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2)                    | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE007 | ASE Automobile/Light Truck Technician: Brakes (A5)  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE008 | ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)                       | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE009 | ASE Automobile/Light Truck Technician: Engine Performance (A8)                                  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE010 | ASE Automobile/Light Truck Technician: Engine Repair (A1)                                       | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE011 | ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7)                        | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE012 | ASE Automobile/Light Truck Technician: Manual Drive Train and Axles (A3)                        | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE013 | ASE Automobile Service Consultant (C1)  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.2    |
| NIASE014 | ASE Automobile/Light Truck Technician: Suspension and Steering (A4)                             | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE016 | ASE Medium/Heavy Truck Technician: Brakes (T4)  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE017 | ASE Collision Repair and Refinishing Technician: Mechanical and Electrical Components (B5)      | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE018 | ASE Collision Repair and Refinishing Technician: Non-structural Analysis and Damage Repair (B3) | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE019 | ASE Damage Analysis and Estimating Certification (B6)   | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE020 | ASE Medium/Heavy Truck Technician: Diesel Engines (T2)  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE021 | ASE Medium/Heavy Truck Technician: Drive Train (T3)   | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE023 | ASE Medium/Heavy Truck Technician: Electrical/Electronic Systems (T6)                           | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE025 | ASE Medium/Heavy Truck Technician: Gasoline Engines (T1)  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE026 | ASE Medium/Heavy Truck Technician: Heating, Ventilation, and A/C (HVAC) (T7)                    | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE029 | ASE Collision Repair and Refinishing Technician: Painting and Refinishing (B2)                  | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE031 | ASE Medium/Heavy Truck Technician: Preventive Maintenance Inspection (PMI)                      | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE032 | ASE Collision Repair and Refinishing Technician: Structural Analysis and Damage Repair (B4)     | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |
| NIASE033 | ASE Medium/Heavy Truck Technician: Suspension and Steering (T5)                                 | National Institute for Automotive Service Excellence          |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      | Waiver of work experience requirement                            | 0.1    |

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|----------|---|--|-------------|--|--|--------------------------------------|--|--------|
| NIASE076 | ASE Auto Maintenance and Light Repair (G1)                                  | National Institute for Automotive Service Excellence |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.2    |
| NIASE077 | ASE Entry-level - Auto Automatic Transmission/Transaxle (AT)                | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE078 | ASE Entry-level - Auto Automobile Service Technology (AS)                   | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE079 | ASE Entry-level - Auto Brakes (BR)  | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE080 | ASE Entry-level - Auto Electrical/Electronic Systems (EE)                   | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE081 | ASE Entry-level - Auto Engine Performance (EP)                              | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE082 | ASE Entry-level - Auto Engine Repair (ER)                                   | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE083 | ASE Entry-level - Auto Heating and Air Conditioning (AC)                    | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE084 | ASE Entry-level - Auto Manual Drive Train and Axles (MD)                    | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE085 | ASE Entry-level - Auto Suspension and Steering (SS)                         | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE086 | ASE Entry-level - Collision, Mechanical and Electrical (ME)                 | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE087 | ASE Entry-level - Collision, Non-structural Analysis and Damage Repair (NS) | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE088 | ASE Entry-level - Collision, Painting and Refinishing (PR)                  | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE089 | ASE Entry-level - Collision, Structural Analysis and Damage Repair (SR)     | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE090 | ASE Entry-level - Truck Brakes (TB)   | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE091 | ASE Entry-level - Truck Diesel Engines (DE)                                 | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE092 | ASE Entry-level - Truck Electrical/Electronic Systems (TE)                  | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIASE093 | ASE Entry-level - Truck Steering & Suspension (TS)                          | National Institute for Automotive Service Excellence | Yes         | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS001 | NIMS Machining Level I - CNC Milling, Programming Setup & Operations        | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| NIFMS002 | NIMS Machining Level I - CNC Turning, Programming Setup & Operations        | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| NIFMS007 | NIMS Machining Level II - Manual Milling Skills II                          | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| NIFMS008 | NIMS Machining Level I - Turning Operations: Turning Between Centers        | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| NIFMS010 | NIMS Machining Level I - Turning Operations: Turning Chucking Skills        | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| NIFMS012 | NIMS Machining Level II - Grinding Skills II                                | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.2    |
| NIFMS013 | NIMS Machining Level I - Drill Press Skills I                               | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS014 | NIMS Machining Level I - CNC Milling, Operations                            | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS015 | NIMS Machining Level I - CNC Turning, Operations                            | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS016 | NIMS Machining Level I - Grinding Skills I                                  | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS017 | NIMS Machining Level I - Manual Milling Skills I                            | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS018 | NIMS Machining Level II - Drill Press Skills II                             | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS019 | NIMS Machining Level II - CNC Milling Skills II                             | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| NIFMS020 | NIMS Machining Level II - CNC Turning Skills II                             | National Institute for Metalworking Skills (NIMS)    |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |

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|----------|---|---|-------------|--|--|--------------------------------------|--|--------|
| NINSC001 | Certified LabVIEW Associate Developer (CLAD)                  | National Instruments Corporation                          |             | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.1    |
| NRAEF001 | Foodservice Management Professional (FMP)                     | National Restaurant Association Educational Foundation    |             | Hospitality & Tourism                    | CAPE Industry Certification  |                                      |  | 0.2    |
| NRAEF002 | National ProStart Certificate of Achievement                  | National Restaurant Association Educational Foundation    |             | Hospitality & Tourism                    | CAPE Industry Certification  |                                      |  | 0.2    |
| NRAEF003 | Certified Food Protection Manager (ServSafe®)                 | National Restaurant Association Educational Foundation    |             | Hospitality & Tourism                    | CAPE Industry Certification  |                                      |  | 0.2    |
| NREMT001 | Emergency Medical Technician (EMT)                            | National Registry of Emergency Medical Technicians        |             | Health Science                           | CAPE Industry Certification  |                                      |  | 0.2    |
| NREMT003 | Emergency Medical Responder (EMR)                             | National Registry of Emergency Medical Technicians        |             | Health Science                           | CAPE Industry Certification  |                                      |  | 0.1    |
| NRFSP001 | Certified Food Safety Manager                                 | National Registry of Food Safety Professionals            |             | Hospitality & Tourism                    | CAPE Industry Certification  |                                      |  | 0.2    |
| ORACL001 | Oracle Certified Associate (OCA): Database                    | Oracle Corporation  |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| ORACL004 | Oracle Certified Associate (OCA): Java Programmer             | Oracle Corporation  |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| ORACL005 | Oracle Certified Professional (OCP): Java Programmer          | Oracle Corporation  |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO003 | Certified Internet Web (CIW) E-Commerce Specialist            | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO006 | Certified Internet Web (CIW) Database Design Specialist       | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.2    |
| PROSO016 | Certified Internet Web (CIW) Internet Business Associate      | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO017 | Certified Internet Web (CIW) JavaScript Specialist            | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  | Version 2.0 or later                 |  | 0.1    |
| PROSO018 | Certified Internet Web (CIW) Network Technology Associate     | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO020 | Certified Internet Web (CIW) Site Development Associate       | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.2    |
| PROSO021 | Certified Internet Web (CIW) Web Design Professional          | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO022 | Certified Internet Web (CIW) Web Design Specialist            | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.2    |
| PROSO023 | Certified Internet Web (CIW) Web Development Professional     | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO024 | Certified Internet Web (CIW) Web Foundations Associate        | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO025 | Certified Internet Web (CIW) Web Security Associate           | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.1    |
| PROSO027 | Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist | Certification Partners                                    |             | Information Technology                   | CAPE Industry Certification  |                                      |  | 0.2    |
| PRSA001  | Graduate - Certified Appliance Professional (GCAP)            | Professional Service Association                          |             | Manufacturing                            | CAPE Industry Certification  |                                      |  | 0.1    |
| PTCDB001 | Pharmacy Technician   | Pharmacy Technician Certification Board                   |             | Health Science                           | CAPE Industry Certification  |                                      |  | 0.2    |
| RECFN001 | REFC Pre-Engineering Certification                            | Robotics Education and Competition Foundation             |             | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.1    |
| RECFN002 | REFC Robotics Certification                                   | Robotics Education and Competition Foundation             |             | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.1    |
| SOLTE004 | Broadband Premises Installer (BPI)                            | Society of Cable Telecommunications Engineers             |             | Arts, AV Technology & Communication      | CAPE Industry Certification  |                                      |  | 0.1    |
| SOLID003 | Certified Solidworks Associate-Academic (CSWA-Academic)       | Dassault Systems Solidworks Corporation                   |             | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.2    |
| SPACE001 | Aerospace Technician  | SpaceTec  |             | Engineering and Technology Education     | CAPE Industry Certification  |                                      |  | 0.1    |
| TAFLP001 | Accredited Legal Professional (ALP)                           | NALS...the Association for Legal Professionals            |             | Business Management and Administration   | CAPE Industry Certification  |                                      |  | 0.1    |
| TAFLP002 | Professional Legal Secretary (PLS)                            | NALS...the Association for Legal Professionals            |             | Business Management and Administration   | CAPE Industry Certification  |                                      |  | 0.2    |
| TAFOM001 | Certified in Production and Inventory Management (CPIM)       | American Production and Inventory Control Society (APICS) |             | Transportation, Distribution & Logistics | CAPE Industry Certification  |                                      |  | 0.1    |

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|----------|--|---|-------------|--|---|--------------------------------------|--|--------|
| TBOOM001 | Toon Boom Certified Associate (Harmony Premium)  | Toon Boom Animation                           |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Harmony Premium 12.2 or later        |  | 0.1    |
| TBOOM003 | Toon Boom Certified Associate (Storyboard Pro)   | Toon Boom Animation                           |             | Arts, AV Technology & Communication      | CAPE Industry Certification   | Storyboard Pro 4.2 or later          |  | 0.1    |
| TBOOM004 | Toon Boom Certified Associate (Harmony Advanced) | Toon Boom Animation                           | Yes         | Arts, AV Technology & Communication      | CAPE Industry Certification   |                                      |  | 0.1    |
| USINS001 | Small UAS Safety Certification                   | Unmanned Safety Institute                     |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.2    |
| USINS002 | Visual Line of Sight System Operator (VSO)       | Unmanned Safety Institute                     |             | Transportation, Distribution & Logistics | CAPE Industry Certification   |                                      |  | 0.1    |
| FEDAA004 | FAA Aviation Mechanic Technician - Airframe      | Federal Aviation Administration               |             | Transportation, Distribution & Logistics | CAPE Acceleration Industry Certification  |                                      |  | 1.0    |
| FEDAA010 | FAA Aviation Maintenance Technician - Powerplant | Federal Aviation Administration               |             | Transportation, Distribution & Logistics | CAPE Acceleration Industry Certification  |                                      |  | 0.5    |
| MSSCN001 | MSSC Certified Production Technician (CPT)       | Manufacturing Skills Standards Council (MSSC) |             | Manufacturing                            | CAPE Digital Tool Certificate   |                                      |  | 0.5    |
| CERT803  | IC3 - Computing Fundamentals                     | Certiport, A Pearson VUE Business             |             | N/A                                      | CAPE Digital Tool Certificate   | IC3 Global Standard 4 or later       |  | 0.025  |
| CERT804  | IC3 - Key Applications                           | Certiport, A Pearson VUE Business             |             | N/A                                      | CAPE Digital Tool Certificate   | IC3 Global Standard 4 or later       |  | 0.025  |
| CERT805  | IC3 - Living Online                              | Certiport, A Pearson VUE Business             |             | N/A                                      | CAPE Digital Tool Certificate   | IC3 Global Standard 4 or later       |  | 0.025  |
| DIGIT802 | Rapid Prototyping & 3D Design Beginner           | DigitalQuest, Inc.                            | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| FABLE001 | Animation-sh                                     | Facebook Learning                             | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO801 | ICT - Database Essentials                        | Certification Partners                        |             | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO802 | ICT - Gaming Essentials                          | Certification Partners                        |             | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO803 | ICT - Multimedia Essentials                      | Certification Partners                        |             | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO804 | ICT - Programming & Logic Essentials             | Certification Partners                        |             | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO805 | ICT - Web Design Essentials                      | Certification Partners                        |             | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO806 | ICT - Communications Essentials                  | Certification Partners                        | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO807 | ICT - Computing Essentials                       | Certification Partners                        | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO808 | ICT - Cybersecurity Essentials                   | Certification Partners                        | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO809 | ICT - Spreadsheet Essentials                     | Certification Partners                        | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |
| PROSO810 | ICT - Word Processing Essentials                 | Certification Partners                        | Yes         | N/A                                      | CAPE Digital Tool Certificate   |                                      |  | 0.025  |

<sup>1</sup> Based on the skills needed to earn the certification and the area of CTE programs whose instruction best prepares for the certification. For certifications that align with more than one cluster, the cluster with programs most closely linked to the certification requirements was chosen.

<sup>2</sup> Section 1008.44(3), Florida Statutes gives the State Board of Education authority to differentiate age, work experience, and other requirements.