DOE Code	Certification/Credential Title	Issuing Organization/Provider	New to Lis	t Primary Career Cluster <sup>1</sup>	Farm Occupation	Primary Standard Occupational Classification (SOC) Code <sup>2</sup>	Type (CAPE Industry Certification CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	, Certification Version, if applicable	Differentiated Waiver of Certification Requirements <sup>3</sup>	Weight
ABAYC003	Marine Electrical Certification	American Boat & Yacht Council		Transportation, Distribution & Logistics		49-2093	CAPE Industry Certification			0.2
ACFED006	Certified Fundamentals Cook	American Culinary Federation		Hospitality & Tourism		35-2014	CAPE Industry Certification			0.2
ACSMD002	Certified Personal Trainer	American College of Sports Medicine		Human Services		39-9031	CAPE Industry Certification			0.1
ADESK002	Autodesk Certified User - AutoCAD	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	AutoCAD 2019 or later		0.2
ADESK008	Autodesk Certified User - Revit Architecture	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	Revit Architecture 2019 or later		0.2
ADESK011	Autodesk Certified User - Inventor	Autodesk		Engineering and Technology Education		17-3011	CAPE Industry Certification	Inventor 2019 or later		0.2
ADESK021	Autodesk Certified Professional - AutoCAD	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	AutoCAD 2019 or later		0.2
ADESK023	Autodesk Certified Professional - AutoCAD Civil 3D	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	AutoCAD 2019 Civil 3D or later		0.2
ADESK024	Autodesk Certified Professional - Inventor	Autodesk		Engineering and Technology Education		17-3011	CAPE Industry Certification	Inventor 2019 or later		0.2
ADESK025	Autodesk Certified Professional - Revit Architecture	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	Revit Architecture 2019 or later		0.2
ADESK029	Autodesk Certified Professional - 3ds Max	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	3ds Max 2019 or later		0.1
ADESK030	Autodesk Certified User - Maya	Autodesk		Information Technology		17-3011	CAPE Industry Certification	Maya 2019 or later		0.2
ADESK031	Autodesk Certified User - 3ds Max	Autodesk		Architecture & Construction		17-3011	CAPE Industry Certification	3ds Max 2019 or later		0.1
ADESK032	Autodesk Certified User - Fusion 360	Autodesk		Manufacturing		17-3013	CAPE Industry Certification			0.2
ADESK033	Autodesk Certified Associate in CAD for Mechanical Design	Autodesk	Yes	Manufacturing		17-3013	CAPE Industry Certification			0.2
ADESK034	Autodesk Certified Associate in CAM 2.5 Axis Milling for Machinists	Autodesk	Yes	Manufacturing		51-4035	CAPE Industry Certification			0.1
	Adobe Certified Professional in Video Design (Requires Premiere Pro and After Effects or Photoshop)	Adobe Systems		Arts, A/V Technology & Communication		27-4032	CAPE Industry Certification	CC 2018 or later		0.2
	Adobe Certified Professional in Visual Design (Requires Photoshop and Illustrator or InDesign)	Adobe Systems		Arts, A/V Technology & Communication		27-1014	CAPE Industry Certification	CC 2018 or later		0.2
	Adobe Certified Professional in Web Design (Requires Dreamweaver and Animate or Photoshop)	Adobe Systems		Information Technology		15-1255 (15-1134)	CAPE Industry Certification	CC 2018 or later		0.2
AMAMA001	Certified Medical Assistant (CMA)	American Association of Medical Assistants		Health Science		31-9092	CAPE Industry Certification			0.2
AMDDA002	Certified Apprentice Drafter - Architectural	American Design Drafting Association		Architecture & Construction		17-3011	CAPE Industry Certification			0.2
AMDDA003	Certified Drafter - Architectural	American Design Drafting Association		Architecture & Construction		17-3011	CAPE Industry Certification			0.1
AMDDA004	Certified Drafter - Mechanical	American Design Drafting Association		Architecture & Construction		17-3013	CAPE Industry Certification			0.1
AMDDA005	Certified Apprentice Drafter - Mechanical	American Design Drafting Association		Architecture & Construction		17-3013	CAPE Industry Certification			0.1
AMEDT004	Registered Medical Assistant (RMA)	American Medical Technologists (AMT)		Health Science		31-9092	CAPE Industry Certification			0.2
AMEDT005	Registered Phlebotomy Technician (RPT)	American Medical Technologists (AMT)		Health Science		31-9097	CAPE Industry Certification			0.2
AMMSA001	Food Safety and Science Certification	American Meat Science Association		Agriculture, Food and Natural Resources	Yes	51-3021	CAPE Industry Certification			0.1

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AMSPT002	Certified Phlebotomy Technician	American Society of Phlebotomy Technicians	Health Science		31-9097	CAPE Industry Certification		0.2
APPLE021	Apple App Development with Swift Certification Level 1	Apple, Inc.	Information Technology		15-1132	CAPE Industry Certification		0.2
AWELD003	AWS Certified Welder - FCAW Plate	American Welding Society	Manufacturing		51-4121	CAPE Industry Certification		0.1
AWELD004	AWS Certified Welder - GMAW Plate	American Welding Society	Manufacturing		51-4121	CAPE Industry Certification		0.1
AWELD011	AWS Certified Welder - SMAW Pipe	American Welding Society	Manufacturing		51-4121	CAPE Industry Certification		0.1
AWELD012	AWS Certified Welder - SMAW Plate	American Welding Society	Manufacturing		51-4121	CAPE Industry Certification		0.1
CARCH002	Chief Architect Certified Apprentice	Chief Architect, Inc.	Architecture & Construction		17-3011	CAPE Industry Certification		0.2
CERHB001	Biotechnician Assistant	Center for Excellence for Regenerative Health Biotechnology at University of Florida	Manufacturing		19-4021	CAPE Industry Certification		0.2
CISCO026	Cisco Certified Network Associate (CCNA)	Cisco Systems, Inc.	Information Technology		15-1231 (15-1152)	CAPE Industry Certification		0.2
COMPT001	CompTIA A+	Computing Technology Industry Association (CompTIA)	Information Technology		15-1232 (15-1151)	CAPE Industry Certification		0.2
COMPT005	CompTIA Linux+	Computing Technology Industry Association (CompTIA)	Information Technology		15-1244 (15-1142)	CAPE Industry Certification		0.2
COMPT006	CompTIA Network+	Computing Technology Industry Association (CompTIA)	Information Technology		15-1244 (15-1142)	CAPE Industry Certification		0.2
COMPT007	CompTIA Project+	Computing Technology Industry Association (CompTIA)	Information Technology		13-1082	CAPE Industry Certification		0.2
COMPT008	CompTIA Security+	Computing Technology Industry Association (CompTIA)	Information Technology		15-1212 (15-1122)	CAPE Industry Certification		0.2
COMPT009	CompTIA Server+	Computing Technology Industry Association (CompTIA)	Information Technology		15-1231 (15-1152)	CAPE Industry Certification		0.2
COMPT016	CompTIA Cybersecurity Analyst (CySA+)	Computing Technology Industry Association (CompTIA)	Information Technology		15-1212 (15-1122)	CAPE Industry Certification		0.1
COMPT018	CompTIA IT Fundamentals+	Computing Technology Industry Association (CompTIA)	Information Technology		15-1151	CAPE Industry Certification		0.2
COMPT020	CompTIA Cloud Essentials+	Computing Technology Industry Association (CompTIA)	Yes Information Technology		13-1111	CAPE Industry Certification		0.1
CPREC001	Child Development Associate (CDA)	Council for Professional Recognition	Education & Training		25-2011	CAPE Industry Certification		0.2
DUCKS001	Ecology Conservation and Management Certification	Ducks Unlimited	Agriculture, Food and Natural Resources	Yes	19-4071 (19-4093)	CAPE Industry Certification		0.1
ELANC001	Fundamentals of Animal Science Certification	Elanco	Yes Agriculture, Food and Natural Resources	Yes	45-2093	CAPE Industry Certification		0.1
ESRIC001	ArcGIS Desktop Entry	ESRI	Information Technology		17-1021	CAPE Industry Certification ArcGIS 10.3 or later		0.2
ETAIN006	Avionics Electronics Technician	Electronics Technician Association International	Transportation, Distribution & Logistics		49-2093	CAPE Industry Certification		0.1
ETAIN008	Associate Certified Electronics Technician (CETa)	Electronics Technician Association International	Transportation, Distribution & Logistics		49-2094	CAPE Industry Certification		0.2
FDMQA002	Certified Nursing Assistant (CNA)	Florida Department of Health	Health Science		31-1131 (31-1014)	CAPE Industry Certification		0.1
FDMQA030	911 Public Safety Telecommunicator	Florida Department of Health	Law, Public Safety & Security		43-5031	CAPE Industry Certification		0.2
FEDAA002	FAA Aviation Maintenance Technician - General	Federal Aviation Administration	Transportation, Distribution & Logistics		49-3011	CAPE Industry Certification		0.1

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FEDAA011	FAA Private Pilot	Federal Aviation Administration	Transportation, Distribution & Logistics		53-2012	CAPE Industry Certification		0.2
FEDAA013	FAA Ground School	Federal Aviation Administration	Transportation, Distribution & Logistics		53-2022	CAPE Industry Certification		0.2
FEDAA015	FAA Ground Instructor - Basic	Federal Aviation Administration	Transportation, Distribution & Logistics		25-1194	CAPE Industry Certification		0.1
FLADA001	Florida Automobile Dealers Association (FADA) Certified Technician	Florida Automobile Dealers Association	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
FLAQA001	Aquaculture Technician	Florida Aquaculture Association	Agriculture, Food and Natural Resources	Yes	11-9013	CAPE Industry Certification		0.1
FLDEP003	Wastewater Treatment Plant Operator Level C	Florida Department of Environmental Protection	Agriculture, Food and Natural Resources		51-8031	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		51-8031	CAPE Industry Certification	Waiver of work experience requirement	0.1
FLDEP007	Water Treatment Plant Operator Level D	Florida Department of Environmental Protection	Yes Agriculture, Food and Natural Resources		51-8031	CAPE Industry Certification		0.1
FLDEP008	Wastewater Treatment Plant Operator Level D	Florida Department of Environmental Protection	Yes Agriculture, Food and Natural Resources		51-8031	CAPE Industry Certification		0.1
FLENG001	Engineering Core certification	Florida Engineering Society	Engineering and Technology Education		17-3023	CAPE Industry Certification		0.1
FLFBR001	Agritechnology Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	19-4011	CAPE Industry Certification		0.2
FLFBR002	Agricultural Biotechnology Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	19-4011	CAPE Industry Certification		0.1
FLFBR003	Agricultural Communications Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	27-3099	CAPE Industry Certification		0.1
FLFBR004	Agricultural Mechanics Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	49-3041	CAPE Industry Certification		0.1
FLFBR005	Animal Science Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	45-2093	CAPE Industry Certification		0.2
FLFBR006	Agricultural Unmanned Aircraft Systems Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	19-4099	CAPE Industry Certification		0.1
FLFBR007	Agriculture Associate Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	45-2093	CAPE Industry Certification		0.2
FLFBR008	Forestry Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	19-4093	CAPE Industry Certification		0.1
FLFBR009	Agriculture Systems Associate Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	45-2093	CAPE Industry Certification		0.1
FLFBR010	Natural Resources Specialist Certification	Agricultural Education Services and Technology Inc.	Agriculture, Food and Natural Resources	Yes	19-4091	CAPE Industry Certification		0.1
FLSFM005	Fire Fighter I	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	Law, Public Safety & Security		33-2011	CAPE Industry Certification		0.1
FLVMA002	Certified Veterinary Assistant (CVA)	Florida Veterinary Medical Association	Agriculture, Food and Natural Resources		31-9096	CAPE Industry Certification		0.2
FNGLA001	Certified Horticulture Professional	Florida Nursery Growers and Landscape Association	Agriculture, Food and Natural Resources	Yes	45-2092	CAPE Industry Certification		0.2
FNGLA003	Certified Landscape Maintenance Technician	Florida Nursery Growers and Landscape Association	Agriculture, Food and Natural Resources	Yes	37-301	CAPE Industry Certification		0.2
FNGLA004	Certified Landscape Technician	Florida Nursery Growers and Landscape Association	Agriculture, Food and Natural Resources	Yes	37-3011	CAPE Industry Certification		0.2
GRBCI002	LEED Green Associate	Green Building Certification Institute	Architecture & Construction		17-1011	CAPE Industry Certification		0.2
I L L L L L L L L L L L L L L L L L L L	Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology	Home Builders Institute	Architecture & Construction		49-9071	CAPE Industry Certification		0.1

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HBINS003	HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry	Home Builders Institute	Architecture & Construction		47-3012	CAPE Industry Certification		0.1
HBINS004	HBI Pre-Apprenticeship Certificate Training (PACT), Core	Home Builders Institute	Architecture & Construction		47-2061	CAPE Industry Certification		0.1
HBINS005	HBI Pre-Apprenticeship Certificate Training (PACT), Core Green	Home Builders Institute	Architecture & Construction		47-2061	CAPE Industry Certification		0.1
HBINS006	HBI Pre-Apprenticeship Certificate Training (PACT), Electrical	Home Builders Institute	Architecture & Construction		47-3013	CAPE Industry Certification		0.1
HVACE001	HVAC Excellence Employment Ready - Heat Pump	HVAC Excellence	Architecture & Construction		49-9021	CAPE Industry Certification		0.2
HVACE002	HVAC Excellence EmploymentReady - Air Conditioning	HVAC Excellence	Architecture & Construction		49-9021	CAPE Industry Certification		0.2
HVACE011	HVAC Excellence Employment Ready - Electrical	HVAC Excellence	Architecture & Construction		49-2092	CAPE Industry Certification		0.2
ICOEC005	EC-Council Cyber Forensics Associate	EC-Council	Information Technology		15-1122	CAPE Industry Certification		0.2
ICOEC006	EC-Council Ethical Hacker Associate	EC-Council	Information Technology		15-1122	CAPE Industry Certification		0.2
INTUT001	Quickbooks Certified User	Intuit	Business Management and Administration		43-3031	CAPE Industry Certification		0.2
INTUT002	Entrepreneurship & Small Business	Intuit	Yes Marketing, Sales & Service		11-1021	CAPE Industry Certification		0.2
INTUT003	Master Entrepreneurship Certification	Intuit	Yes Marketing, Sales & Service		11-1021	CAPE Industry Certification		0.1
KNOWL001	Python Coding Specialist	Knowledge Pillars LLC	Yes Information Technology		15-1251	CAPE Industry Certification		0.2
KNOWL002	WordPress Certified Editor	Knowledge Pillars LLC	Yes Information Technology		15-1254	CAPE Industry Certification		0.1
LINPI001	Linux Essentials 010	Linux Professional Institute	Information Technology		15-1151	CAPE Industry Certification		0.2
	Microsoft Office Specialist: Microsoft Office 2016 Master Specialist (Requires Word Expert, Excel Expert, PowerPoint, and Access or Outlook)	Microsoft Corporation	Information Technology		15-1232	CAPE Industry Certification Office 2016		0.2
	Microsoft Technology Associate (MTA) - Database Administration Fundamentals	Microsoft Corporation	Information Technology		15-1242 (15-1141)	CAPE Industry Certification		0.2
	Microsoft Technology Associate (MTA) - Software Development Fundamentals	Microsoft Corporation	Information Technology		15-1252 (15-1132)	CAPE Industry Certification		0.1
MICRO076	Microsoft Technology Associate (MTA) - Windows OS Fundamentals	Microsoft Corporation	Information Technology		15-1232 (15-1151)	CAPE Industry Certification		0.1
MICRO077	Microsoft Technology Associate (MTA) - Security Fundamentals	Microsoft Corporation	Information Technology		15-1212 (15-1122)	CAPE Industry Certification		0.1
MICRO078	Microsoft Technology Associate (MTA) - Networking Fundamentals	Microsoft Corporation	Information Technology		15-1231 (15-1152)	CAPE Industry Certification		0.1
	Microsoft Technology Associate (MTA) - HTML5 Application Developer Fundamentals	Microsoft Corporation	Information Technology		15-1254 & 15-1255 (15-1134)	CAPE Industry Certification		0.2
MICRO102	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals	Microsoft Corporation	Information Technology		15-1244 (15-1142)	CAPE Industry Certification		0.2
	Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript		Information Technology		15-1251 (15-1131)	CAPE Industry Certification		0.2
MICRO105	Microsoft Technology Associate (MTA) - Introduction to Programming Using HTML and CSS	Microsoft Corporation	Information Technology		15-1254 & 15-1255 (15-1134)	CAPE Industry Certification		0.1
	Microsoft Technology Associate (MTA) - Introduction to Programming Using Python	Microsoft Corporation	Information Technology		15-1132	CAPE Industry Certification		0.2
IIMICRO114	Microsoft Technology Associate (MTA) - Introduction to Programming Using Java	Microsoft Corporation	Information Technology		15-1132	CAPE Industry Certification		0.2

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	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals	Microsoft Corporation	Information Technology		15-1142	CAPE Industry Certification		0.2
MICRO123	Microsoft 365 Certified: Fundamentals	Microsoft Corporation	Yes Information Technology		15-2051	CAPE Industry Certification		0.1
MICRO124	Microsoft Certified: Azure Al Fundamentals	Microsoft Corporation	Yes Information Technology		15-1251	CAPE Industry Certification		0.1
MICRO125	Microsoft Certified: Azure Data Fundamentals	Microsoft Corporation	Yes Information Technology		15-2051	CAPE Industry Certification		0.1
MICRO126	Microsoft Certified: Azure Fundamentals	Microsoft Corporation	Yes Information Technology		15-1232	CAPE Industry Certification		0.1
MICRO128	Microsoft Certified: Power Platform Fundamentals	Microsoft Corporation	Yes Information Technology		15-2051	CAPE Industry Certification		0.1
MSSCN002	MSSC Certified Logistics Technician (CLT)	Manufacturing Skills Standards Council (MSSC)	Transportation, Distribution & Logistics		43-5071	CAPE Industry Certification		0.1
NASME001	NASM Certified Personal Trainer (CPT)	National Academy of Sports Medicine	Human Services		39-9031	CAPE Industry Certification		0.1
NATEX001	Air Conditioning Service Technician	North American Technician Excellence	Architecture & Construction		49-9021	CAPE Industry Certification		0.2
NATEX002	Air Conditioning Installation Specialization	North American Technician Excellence	Architecture & Construction		49-9021	CAPE Industry Certification		0.2
NATEX003	Air to Air Heat Pump Installation Technician	North American Technician Excellence	Architecture & Construction		49-9021	CAPE Industry Certification		0.2
NATHA002	Certified EKG Technician (CET)	National Healthcareer Association	Health Science		29-2031	CAPE Industry Certification		0.1
NATHA003	Certified Medical Administrative Assistant (CMAA)	National Healthcareer Association	Health Science		43-6013	CAPE Industry Certification		0.1
NATHA006	Certified Patient Care Technician (CPCT)	National Healthcareer Association	Health Science		31-1120 & 31-1122 (31-1011)	CAPE Industry Certification		0.1
NATHA007	Certified Phlebotomy Technician (CPT)	National Healthcareer Association	Health Science		31-9097	CAPE Industry Certification		0.2
NATHA009	Certified Clinical Medical Assistant (CCMA)	National Healthcareer Association	Health Science		31-9092	CAPE Industry Certification		0.2
NATHA010	Certified Pharmacy Technician (CPhT)	National Healthcareer Association	Health Science		29-2052	CAPE Industry Certification		0.2
NATHA011	Certified Electronic Health Record Specialist (CEHRS)	National Healthcareer Association	Health Science		29-2072 (29-2071)	CAPE Industry Certification		0.1
NCATT001	Aircraft Electronics Technician (AET)	National Center for Aerospace and Transportation Technologies (NCATT)	Transportation, Distribution & Logistics		49-2091	CAPE Industry Certification		0.1
NCATT003	Aerospace / Aircraft Assembly (AAA)	National Center for Aerospace and Transportation Technologies (NCATT)	Transportation, Distribution & Logistics		51-2011	CAPE Industry Certification		0.2
NCCER005	NCCER Carpentry - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2031	CAPE Industry Certification		0.1
NCCER008	NCCER Construction Technology (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2061	CAPE Industry Certification		0.2
NCCER010	NCCER Electrical - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2111	CAPE Industry Certification		0.1
NCCER018	NCCER HVAC - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		49-9021	CAPE Industry Certification		0.2
NCCER025	NCCER Masonry - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2021	CAPE Industry Certification		0.1
NCCER026	NCCER Plumbing - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2152	CAPE Industry Certification		0.1
NCCER032	NCCER Carpentry - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2031	CAPE Industry Certification		0.1

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NCCER033	NCCER Carpentry - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2031	CAPE Industry Certification		0.1
NCCER034	NCCER Carpentry - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2031	CAPE Industry Certification		0.1
NCCER036	NCCER Concrete Finishing - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2051	CAPE Industry Certification		0.1
NCCER038	NCCER Electrical - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2111	CAPE Industry Certification		0.1
NCCER039	NCCER Electrical - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2111	CAPE Industry Certification		0.1
NCCER040	NCCER Electrical - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2111	CAPE Industry Certification		0.1
NCCER044	NCCER Masonry - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2021	CAPE Industry Certification		0.1
NCCER045	NCCER Masonry - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2021	CAPE Industry Certification		0.1
NCCER061	NCCER Welding- Level 1	NCCER	Yes Manufacturing		47-2211	CAPE Industry Certification		0.2
NCCER062	NCCER Welding - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing		51-4121	CAPE Industry Certification		0.1
NCCER069	NCCER Plumbing - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2152	CAPE Industry Certification		0.1
NCCER070	NCCER Plumbing - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2152	CAPE Industry Certification		0.1
NCCER071	NCCER Plumbing - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		47-2152	CAPE Industry Certification		0.1
NCCER081	NCCER HVAC - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		49-9021	CAPE Industry Certification		0.1
NCCER082	NCCER HVAC - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		49-9021	CAPE Industry Certification		0.1
NCCER083	NCCER HVAC - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	Architecture & Construction		49-9021	CAPE Industry Certification		0.1
NCCER084	NCCER Industrial Maintenance Mechanic - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing		49-9041	CAPE Industry Certification		0.1
NCCER085	NCCER Industrial Maintenance Mechanic - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing		49-9041	CAPE Industry Certification		0.1
NCCER086	NCCER Industrial Maintenance Mechanic - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing		49-9041	CAPE Industry Certification		0.1
NCFCT001	National Certified ECG Technician (NCET)	National Center for Competency Testing (NCCT)	Health Science		29-2031	CAPE Industry Certification		0.1
NCFCT003	National Certified Phlebotomy Technician	National Center for Competency Testing (NCCT)	Health Science		31-9097	CAPE Industry Certification		0.1
NCFCT005	Medical Assistant	National Center for Competency Testing (NCCT)	Yes Health Science		29-1071	CAPE Industry Certification		0.1
NCFCT007	National Certified Medical Office Assistant (NCMOA)	National Center for Competency Testing (NCCT)	Business Management and Administration		43-6013	CAPE Industry Certification		0.2
NCFCT008	National Certified Patient Care Technician (NCPCT)	National Center for Competency Testing (NCCT)	Health Science		31-1011	CAPE Industry Certification		0.2
NCSBN002	National Licensed Practical Nurse (NCLEX-PN)	National Council of State Boards of Nursing	Health Science		29-2061	CAPE Industry Certification		0.2
INIASEOOS	ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	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		49-3023	CAPE Industry Certification	Waiver of work experience requirement	0.2

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NIASE008	ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	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		49-3023	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		49-3023	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		49-3023	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		49-3023	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		49-3023	CAPE Industry Certification	Waiver of work experience requirement	0.2
NIASE016	ASE Medium/Heavy Truck Technician: Brakes (T4)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	CAPE Industry Certification	Waiver of work experience requirement	0.1
INIIASENT	ASE Collision Repair and Refinishing Technician: Mechanical and Electrical Components (B5)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3021	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		49-3031	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		49-3031	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		49-3031	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		49-3031	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		49-3021	CAPE Industry Certification	Waiver of work experience requirement	0.1
NIASE031	ASE Medium/Heavy Truck Technician: Preventive Maintenance Inspection (PMI) (T8)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	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		49-3031	CAPE Industry Certification	Waiver of work experience requirement	0.1
NIASE076	ASE Auto Maintenance and Light Repair (G1)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.2
NIASE077	ASE Entry-level - Auto: Automatic Transmission/Transaxle (AT)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE078	ASE Entry-level - Auto: Automobile Service Technology (AS)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE079	ASE Entry-level - Auto: Brakes (BR)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE080	ASE Entry-level - Auto: Electrical/Electronic Systems (EE)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE081	ASE Entry-level - Auto: Engine Performance (EP)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE082	ASE Entry-level - Auto: Engine Repair (ER)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE083	ASE Entry-level - Auto: Heating and Air Conditioning (AC)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE084	ASE Entry-level - Auto: Manual Drive Train and Axles (MD)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE085	ASE Entry-level - Auto: Suspension and Steering (SS)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3023	CAPE Industry Certification		0.1
NIASE086	ASE Entry-level - Collision: Mechanical and Electrical (ME)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3021	CAPE Industry Certification		0.1
$1011\Delta S = 1187$	ASE Entry-level - Collision: Non-structural Analysis and Damage Repair (NS)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3021	CAPE Industry Certification		0.1

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NIASE088	ASE Entry-level - Collision: Painting and Refinishing (PR)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3021	CAPE Industry Certification		0.1
NIASE089	ASE Entry-level - Collision: Structural Analysis and Damage Repair (SR)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3021	CAPE Industry Certification		0.1
NIASE090	ASE Entry-level - Truck: Brakes (TB)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	CAPE Industry Certification		0.1
NIASE091	ASE Entry-level - Truck: Diesel Engines (DE)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	CAPE Industry Certification		0.1
NIASE092	ASE Entry-level - Truck: Electrical/Electronic Systems (TE)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	CAPE Industry Certification		0.1
NIASE093	ASE Entry-level - Truck: Steering & Suspension (TS)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	CAPE Industry Certification		0.1
NIASE094	ASE Entry-level - Truck: Inspection, Maintenance, and Minor Repair (IM)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics		49-3031	CAPE Industry Certification		0.1
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-9162 (51-4012)	CAPE Industry Certification		0.2
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-9162 (51-4012)	CAPE Industry Certification		0.2
NIFMS008	NIMS Machining Level I - Turning Operations: Turning Between Centers	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4034	CAPE Industry Certification		0.2
NIFMS010	NIMS Machining Level I - Turning Operations: Turning Chucking Skills	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4034	CAPE Industry Certification		0.2
NIFMS013	NIMS Machining Level I - Drill Press Skills I	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4032	CAPE Industry Certification		0.2
NIFMS014	NIMS Machining Level I - CNC Milling: Operations	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4035	CAPE Industry Certification		0.1
NIFMS016	NIMS Machining Level I - Grinding Skills I	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4033	CAPE Industry Certification		0.1
NIFMS017	NIMS Machining Level I - Manual Milling Skills I	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4035	CAPE Industry Certification		0.1
NIFMS019	NIMS Machining Level II - CNC Milling Skills II	National Institute for Metalworking Skills (NIMS)	Manufacturing		51-4035	CAPE Industry Certification		0.1
NRAEF003	Certified Food Protection Manager (ServSafe®)	National Restaurant Association Educational Foundation	Hospitality & Tourism		35-2014	CAPE Industry Certification		0.2
NREMT001	Emergency Medical Technician (EMT)	National Registry of Emergency Medical Technicians	Health Science		29-2042 (29-2041)	CAPE Industry Certification		0.2
NREMT003	Emergency Medical Responder (EMR)	National Registry of Emergency Medical Technicians	Yes Health Science		29-2042	CAPE Industry Certification		0.1
NRFSP001	Certified Food Safety Manager	National Registry of Food Safety Professionals	Hospitality & Tourism		35-2014	CAPE Industry Certification		0.2
NRFSP002	HACCP Certification	National Registry of Food Safety Professionals	Hospitality & Tourism		19-4013	CAPE Industry Certification		0.2
OEDGP001	PCAP – Certified Associate in Python Programming	OpenEDG Python Institute	Yes Information Technology		15-1251	CAPE Industry Certification		0.2
ORACL004	Oracle Certified Associate (OCA): Java Programmer	Oracle Corporation	Information Technology		15-1251 (15-1131)	CAPE Industry Certification		0.2
ORACL005	Oracle Certified Professional (OCP): Java Programmer	Oracle Corporation	Information Technology		15-1242 (15-1141)	CAPE Industry Certification		0.1
PRMIN004	PMI Project Management Ready	Project Management Institute (PMI)	Yes Business Management and Administration		13-1082	CAPE Industry Certification		0.2
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	Certification Partners	Information Technology		15-1254 (15-1134)	CAPE Industry Certification		0.2
PROSO006	Certified Internet Web (CIW) Database Design Specialist	Certification Partners	Information Technology		15-1243 (15-1199)	CAPE Industry Certification		0.2

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PROSO017	Certified Internet Web (CIW) JavaScript Specialist	Certification Partners	Information Technology		15-1251 (15-1131)	CAPE Industry Certification Version 2.0 or later		0.2
PROSO021	Certified Internet Web (CIW) Web Design Professional	Certification Partners	Information Technology		15-1131	CAPE Industry Certification		0.1
PROSO022	Certified Internet Web (CIW) Web Design Specialist	Certification Partners	Information Technology		15-1254 (15-1134)	CAPE Industry Certification		0.2
PROSO023	Certified Internet Web (CIW) Web Development Professional	Certification Partners	Information Technology		15-1131	CAPE Industry Certification		0.1
PROSO024	Certified Internet Web (CIW) Web Foundations Associate	Certification Partners	Information Technology		15-1254 (15-1134)	CAPE Industry Certification		0.1
PROSO025	Certified Internet Web (CIW) Web Security Associate	Certification Partners	Information Technology		15-1212 (15-1199)	CAPE Industry Certification		0.1
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	Certification Partners	Information Technology		15-1254 (15-1134)	CAPE Industry Certification		0.2
PROSO030	Certified Internet Web (CIW) Data Analyst Specialist	Certification Partners	Information Technology		15-2031	CAPE Industry Certification		0.2
PROSO031	Certified Internet Web (CIW) Social Media Strategist	Certification Partners	Marketing, Sales & Service		27-3031	CAPE Industry Certification		0.1
PROSO032	Certified Internet Web (CIW) User Interface Designer	Certification Partners	Information Technology		15-1254 (15-1134)	CAPE Industry Certification		0.2
PTCBD001	Pharmacy Technician	Pharmacy Technician Certification Board	Health Science		29-2052	CAPE Industry Certification		0.2
RECFN001	RECF Pre-Engineering Certification	Robotics Education and Competition Foundation	Engineering and Technology Education		17-3011	CAPE Industry Certification		0.1
RECFN002	RECF Robotics Certification	Robotics Education and Competition Foundation	Engineering and Technology Education		17-3024	CAPE Industry Certification		0.1
SALES001	Salesforce Certified Administrator	Salesforce	Marketing, Sales & Service		15-1142	CAPE Industry Certification		0.2
SOCTE004	Broadband Premises Installer (BPI)	Society of Cable Telecommunications Engineers	Arts, A/V Technology & Communication		49-2022	CAPE Industry Certification		0.1
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	Dassault Systems Solidworks Corporation	Engineering and Technology Education		17-3011	CAPE Industry Certification		0.2
SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	Dassault Systems Solidworks Corporation	Engineering and Technology Education		17-3011	CAPE Industry Certification		0.2
TAFLP001	Accredited Legal Professional (ALP)	NALSthe Association for Legal Professionals	Business Management and Administration		23-2011	CAPE Industry Certification		0.2
TBOOM001	Toon Boom Certified Associate (Harmony Premium)	Toon Boom Animation	Arts, A/V Technology & Communication		27-1014	CAPE Industry Certification  Harmony Premium 12.2 or later		0.1
ТВООМ003	Toon Boom Certified Associate (Storyboard Pro)	Toon Boom Animation	Arts, A/V Technology & Communication		27-1014	CAPE Industry Certification Storyboard Pro 4.2 or later		0.1
TBOOM004	Toon Boom Certified Associate (Harmony Advanced)	Toon Boom Animation	Arts, A/V Technology & Communication		27-1014	CAPE Industry Certification		0.1
UNITY001	Unity Certified Associate	Unity Technologies	Information Technology		15-1299 (15-1199)	CAPE Industry Certification		0.2
UNITY002	Unity Certified User: Programmer	Unity Technologies	Information Technology		15-1251 (15-1131)	CAPE Industry Certification		0.2
UNITY003	Unity Certified User: Artist	Unity Technologies	Yes Information Technology		27-1014	CAPE Industry Certification		0.1
UNITY004	Unity Certified User: VR Developer	Unity Technologies	Yes Information Technology		15-1251	CAPE Industry Certification		0.1
USINS001	Small UAS (sUAS) Safety Certification: Level 1	Unmanned Safety Institute	Transportation, Distribution & Logistics		No corresponding SOC code yet for Drone operator	CAPE Industry Certification		0.2
USINS002	Visual Line of Sight System Operator (VSO) Ground	Unmanned Safety Institute	Transportation, Distribution & Logistics		Drone operator. No corresponding SOC code yet for Drone operator.	CAPE Industry Certification		0.1

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FEDAA004	FAA Aviation Mechanic Technician - Airframe	Federal Aviation Administration	Transportation, Distribution & Logistics		49-3011	CAPE Acceleration Industry Certification		1.0
FEDAA010	FAA Aviation Maintenance Technician - Powerplant	Federal Aviation Administration	Transportation, Distribution & Logistics		49-9071	CAPE Acceleration Industry Certification		0.5
MSSCN001	MSSC Certified Production Technician (CPT)	Manufacturing Skills Standards Council (MSSC)	Manufacturing			CAPE Acceleration Industry Certification		0.5
CERTI802	IC3 Spark	Certiport, A Pearson VUE Business	N/A		not applicable	CAPE Digital Tool Certificate		0.025
CERTI803	IC3 - Computing Fundamentals	Certiport, A Pearson VUE Business	N/A		not applicable	CAPE Digital Tool Certificate IC3 Global Standard 4 or late	r	0.025
CERTI804	IC3 - Key Applications	Certiport, A Pearson VUE Business	N/A		not applicable	CAPE Digital Tool Certificate IC3 Global Standard 4 or late	r	0.025
CERTI805	IC3 - Living Online	Certiport, A Pearson VUE Business	N/A		not applicable	CAPE Digital Tool Certificate IC3 Global Standard 4 or late	r	0.025
CERTI806	IC3 Digital Literacy Level 1	Certiport, A Pearson VUE Business	N/A		not applicable	CAPE Digital Tool Certificate		0.025
CERTI807	IC3 Digital Literacy Level 2	Certiport, A Pearson VUE Business	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
CERTI808	IC3 Digital Literacy Level 3	Certiport, A Pearson VUE Business	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
DIGIT802	Rapid Prototyping & 3D Design Beginner	DigitalQuest, Inc.	N/A		not applicable	CAPE Digital Tool Certificate		0.025
DIGIT803	GIS Essentials Certification	DigitalQuest, Inc.	N/A		not applicable	CAPE Digital Tool Certificate		0.025
FABLE801	Animation-ish	FableVision Learning	N/A		not applicable	CAPE Digital Tool Certificate		0.025
FABLE802	FabMaker Studio Certification	FableVision Learning	N/A		not applicable	CAPE Digital Tool Certificate		0.025
ISOGR801	TOSA®DigComp	Isograd	N/A		not applicable	CAPE Digital Tool Certificate		0.025
ISOGR802	TOSA® CyberCitizen	Isograd Inc.	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
ISOGR803	TOSA® Google Docs	Isograd Inc.	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
ISOGR804	TOSA® Google Sheets	Isograd Inc.	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
ISOGR805	TOSA® Google Slides	Isograd Inc.	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
KNOWL801	Python Coding Apprentice (PCA)	Knowledge Pillars LLC	Yes N/A		not applicable	CAPE Digital Tool Certificate		0.025
MICRO801	Microsoft Office Specialist: Microsoft Office Excel	Microsoft Corporation	N/A		not applicable	CAPE Digital Tool Certificate Office 2016 or later		0.025
MICRO802	Microsoft Office Specialist: Microsoft Office Word	Microsoft Corporation	N/A		not applicable	CAPE Digital Tool Certificate Office 2016 or later		0.025
MICRO803	Microsoft Office Specialist: Microsoft Office PowerPoint	Microsoft Corporation	N/A		not applicable	CAPE Digital Tool Certificate Office 2016 or later		0.025
PRODL801	Coding in Minecraft	Prodigy Learning	N/A		not applicable	CAPE Digital Tool Certificate		0.025
PROSO801	ICT – Database Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate		0.025
PROSO802	ICT – Gaming Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate		0.025
PROSO803	ICT – Multimedia Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate		0.025

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PROSO804	ICT – Programming & Logic Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO805	ICT – Web Design Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO806	ICT - Communications Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO807	ICT - Computing Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO808	ICT - Cybersecurity Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO809	ICT - Spreadsheet Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO810	ICT - Word Processing Essentials	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO811	ICT - Fundamentals	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025
PROSO812	ICT Digital Citizenship and Ethics	Certification Partners	N/A		not applicable	CAPE Digital Tool Certificate	0.025

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> Based on the U.S. Bureau of Labor Statistics 2018 Standard Occupational Code System. For occupational titles with updated SOC Codes in the 2018 system, the former 2010 SOC Code is listed in parentheses.

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