

**Table 3- 2021-22 CAPE Industry Certification Funding List
Manufacturing and Related Certifications**

DOE Code	Certification/Credential Title	Issuing Organization/Provider	Primary Career Cluster ¹	Primary Standard Occupational Classification (SOC) Code ²	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)
ADESK032	Autodesk Certified User - Fusion 360	Autodesk	Manufacturing	17-3013	CAPE Industry Certification
ADESK033	Autodesk Certified Associate in CAD for Mechanical Design	Autodesk	Manufacturing	17-3013	CAPE Industry Certification
ADESK034	Autodesk Certified Associate in CAM 2.5 Axis Milling for Machinists	Autodesk	Manufacturing	51-4035	CAPE Industry Certification
AWELD003	AWS Certified Welder - FCAW Plate	American Welding Society	Manufacturing	51-4121	CAPE Industry Certification
AWELD004	AWS Certified Welder - GMAW Plate	American Welding Society	Manufacturing	51-4121	CAPE Industry Certification
AWELD011	AWS Certified Welder - SMAW Pipe	American Welding Society	Manufacturing	51-4121	CAPE Industry Certification
AWELD012	AWS Certified Welder - SMAW Plate	American Welding Society	Manufacturing	51-4121	CAPE Industry Certification
CERHB001	Biotechnician Assistant	Center for Excellence for Regenerative Health Biotechnology at University of Florida	Manufacturing	19-4021	CAPE Industry Certification
ETAIN006	Avionics Electronics Technician	Electronics Technician Association International	Transportation, Distribution & Logistics	49-2093	CAPE Industry Certification
ETAIN008	Associate Certified Electronics Technician (CETa)	Electronics Technician Association International	Transportation, Distribution & Logistics	49-2094	CAPE Industry Certification
MSSCN002	MSSC Certified Logistics Technician (CLT)	Manufacturing Skills Standards Council (MSSC)	Transportation, Distribution & Logistics	43-5071	CAPE Industry Certification
NCATT001	Aircraft Electronics Technician (AET)	National Center for Aerospace and Transportation Technologies (NCATT)	Transportation, Distribution & Logistics	49-2091	CAPE Industry Certification
NCATT003	Aerospace / Aircraft Assembly (AAA)	National Center for Aerospace and Transportation Technologies (NCATT)	Transportation, Distribution & Logistics	51-2011	CAPE Industry Certification
NCCER061	NCCER Welding- Level 1	NCCER	Manufacturing	47-2211	CAPE Industry Certification
NCCER062	NCCER Welding - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing	51-4121	CAPE Industry Certification
NCCER084	NCCER Industrial Maintenance Mechanic - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing	49-9041	CAPE Industry Certification
NCCER085	NCCER Industrial Maintenance Mechanic - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing	49-9041	CAPE Industry Certification
NCCER086	NCCER Industrial Maintenance Mechanic - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	Manufacturing	49-9041	CAPE Industry Certification
NIASE080	ASE Entry-level - Auto: Electrical/Electronic Systems (EE)	National Institute for Automotive Service Excellence	Transportation, Distribution & Logistics	49-3023	CAPE Industry Certification
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-9162 (51-4012)	CAPE Industry Certification
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-9162 (51-4012)	CAPE Industry Certification
NIFMS008	NIMS Machining Level I - Turning Operations: Turning Between Centers	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4034	CAPE Industry Certification
NIFMS010	NIMS Machining Level I - Turning Operations: Turning Chucking Skills	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4034	CAPE Industry Certification
NIFMS013	NIMS Machining Level I - Drill Press Skills I	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4032	CAPE Industry Certification
NIFMS014	NIMS Machining Level I - CNC Milling: Operations	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4035	CAPE Industry Certification
NIFMS016	NIMS Machining Level I - Grinding Skills I	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4033	CAPE Industry Certification
NIFMS017	NIMS Machining Level I - Manual Milling Skills I	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4035	CAPE Industry Certification
NIFMS019	NIMS Machining Level II - CNC Milling Skills II	National Institute for Metalworking Skills (NIMS)	Manufacturing	51-4035	CAPE Industry Certification
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
MSSCN001	MSSC Certified Production Technician (CPT)	Manufacturing Skills Standards Council (MSSC)	Manufacturing	51-1011	CAPE Acceleration Industry Certification
DIGIT802	Rapid Prototyping & 3D Design Beginner	DigitalQuest, Inc.	N/A	not applicable	CAPE Digital Tool Certificate

¹ 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.

² 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.

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