

Gold Standard Career Pathways Articulation Agreements of Industry Certification to AS and AAS Degree 2021-2022

| FDOE Certification Code | Certification Title | Number of Credits Articulated | CIP Number | Associate Degree Program Title |
|-------------------------|--|-------------------------------|------------|--|
| ABAYC003 | Marine Electrical Certification | 3 | 0647060500 | Marine Engineering, Management & Seamanship |
| ACFED002 | Certified Culinarian (CC) | 3 | 1612050401 | Culinary Management |
| ACFED002 | Certified Culinarian (CC) | 6 | 1252090500 | Restaurant Management |
| ACFED006 | Certified Fundamentals Cook | 3 | 1252090101 | Hospitality & Tourism Management |
| ACOSM001 | Certified Survey Technician (CST) | 3 | 1715020101 | Civil Engineering Technology |
| ADESK002 | Autodesk Certified User - AutoCAD | 3 | 1604090100 | Architectural Design & Construction Technology |
| ADESK002 | Autodesk Certified User - AutoCAD | 3 | 1615130202 | Computer-Aided Drafting and Design |
| ADESK008 | Autodesk Certified User - Revit Architecture | 3 | 1604090100 | Architectural Design & Construction Technology |
| ADESK008 | Autodesk Certified User - Revit Architecture | 3 | 1615100102 | Building Construction Technology |
| ADESK008 | Autodesk Certified User - Revit Architecture | 3 | 1615130202 | Computer-Aided Drafting and Design |
| ADESK011 | Autodesk Certified User - Inventor | 3 | 1615000001 | Engineering Technology |
| ADESK021 | Autodesk Certified Professional - AutoCAD | 3 | 1615130202 | Computer-Aided Drafting and Design |
| ADESK023 | Autodesk Certified Professional - AutoCAD Civil 3D | 3 | 1715020101 | Civil Engineering Technology |

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| ADESK024 | Autodesk Certified Professional - Inventor | 3 | 1615000001 | Engineering Technology |
| ADESK025 | Autodesk Certified Professional - Revit Architecture | 3 | 1604090100 | Architectural Design & Construction Technology |
| ADESK030 | Autodesk Certified User - Maya | 9 | 1550041100 | Game Development Design |
| ADESK032 | Autodesk Certified User - Fusion 360 | 3 | 1615000001 | Engineering Technology |
| ADESK033 | Autodesk Certified Associate in CAD for Mechanical Design | 3 | 1615000001 | Engineering Technology |
| ADOBE010 | Adobe Certified Associate (ACA) - Dreamweaver | 3 | 1511100400 | Internet Services Technology |
| ADOBE011 | Adobe Certified Associate (ACA) - Flash/Animate | 3 | 1511100400 | Internet Services Technology |
| ADOBE023 | Adobe Certified Professional in Video Design (Requires Premiere Pro and After Effects or Photoshop) | 3 | 1650060213 | Film Production Technology |
| ADOBE023 | Adobe Certified Professional in Video Design (Requires Premiere Pro and After Effects or Photoshop) | 4 | 1610020202 | Radio and Television Broadcast Programming |
| ADOBE024 | Adobe Certified Professional in Visual Design (Requires Photoshop and Illustrator or InDesign) | 3 | 1611080300 | Graphics Technology |
| ADOBE025 | Adobe Certified Professional in Web Design | 3 | 1511100400 | Internet Services Technology |
| AIOPB001 | Certified Bookkeeper | 3 | 1552030201 | Accounting Technology |
| AMAMA001 | Certified Medical Assistant (CMA) | 3 | 1351070101 | Health Services Management |
| AMDDA002 | Certified Apprentice Drafter - Architectural | 3 | 1604090100 | Architectural Design & Construction Technology |
| AMEDT004 | Registered Medical Assistant (RMA) | 3 | 1351070101 | Health Services Management |

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| AMEDT004 | Registered Medical Assistant (RMA) | 3 | 1551070500 | Medical Office Administration |
| AMEDT005 | Registered Phlebotomy Technician (RPT) | 3 | 1351100405 | Medical Laboratory Technology |
| AMSPT002 | Certified Phlebotomy Technician | 1 | 1351100405 | Medical Laboratory Technology |
| APPLE002 | Apple Certified Technical Coordinator | 2 | 1511100112 | Network Systems Technology |
| APPLE019 | Apple Certified Support Professional | 2 | 1511100112 | Network Systems Technology |
| APPLE020 | Apple Certified Pro (ACP) - Final Cut Pro X | 3 | 1609070213 | Digital Television and Media Production |
| APPLE020 | Apple Certified Pro (ACP) - Final Cut Pro X | 8 | 1610020202 | Radio and Television Broadcast Programming |
| APPLE021 | Apple App Development with Swift Certification Level 1 | 3 | 1511020101 | Computer Programming and Analysis |
| CARCH002 | Chief Architect Certified Apprentice | 3 | 1604090100 | Architectural Design & Construction Technology |
| CERHB001 | Biotechnician Assistant | 3 | 1341010100 | Biotechnology Laboratory Technology |
| CISCO004 | Cisco Certified Network Associate (CCNA) | 12 | 1615120100 | Computer Engineering Technology |
| CISCO005 | Cisco Certified Network Professional (CCNP) | 12 | 1615120100 | Computer Engineering Technology |
| CISCO005 | Cisco Certified Network Professional (CCNP) | 12 | 1615030302 | Telecommunications Engineering Technology |
| CISCO011 | Cisco Certified Network Associate Security (CCNA Security) | 3 | 1615120100 | Computer Engineering Technology |
| CISCO018 | Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing & Switching) | 3 | 1615120100 | Computer Engineering Technology |

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| CISCO026 | Cisco Certified Network Associate (CCNA) | 3 | 1511100307 | IT Security |
| CISCO026 | Cisco Certified Network Associate (CCNA) | 6 | 1511100112 | Network Systems Technology |
| COMPT001 | CompTIA A+ | 6 | 1615120100 | Computer Engineering Technology |
| COMPT005 | CompTIA Linux+ | 3 | 1511020101 | Computer Programming and Analysis |
| COMPT006 | CompTIA Network+ | 3 | 1615120100 | Computer Engineering Technology |
| COMPT007 | CompTIA Project+ | 3 | 1511100509 | Technology Project Management |
| COMPT008 | CompTIA Security+ | 3 | 1552120107 | E-Business Technology |
| COMPT009 | CompTIA Server+ | 3 | 1511010307 | Computer Information Technology |
| COMPT009 | CompTIA Server+ | 3 | 1511100112 | Network Systems Technology |
| COMPT018 | CompTIA IT Fundamentals+ | 3 | 1511010307 | Computer Information Technology |
| COMPT018 | CompTIA IT Fundamentals+ | 3 | 1511020101 | Computer Programming and Analysis |
| COMPT018 | CompTIA IT Fundamentals+ | 3 | 1511100112 | Network Systems Technology |
| COMPT018 | CompTIA IT Fundamentals+ | 3 | 1530700100 | Data Science Technology |
| CPREC001 | Child Development Associate (CDA) | 9 | 1413121004 | Early Childhood Education |
| DANBD001 | Certified Dental Assistant (CDA) | 5 | 1351060104 | Dental Assisting Technology and Management |

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| ESRIC001 | ArcGIS Desktop Entry | 3 | 1511010307 | Computer Information Technology |
| ETAIN008 | Associate Certified Electronics Technician (CETa) | 3 | 1615030301 | Electronics Engineering Technology |
| ETAIN008 | Associate Certified Electronics Technician (CETa) | 3 | 1615000001 | Engineering Technology |
| FDMQA030 | 911 Public Safety Telecommunicator | 3 | 1743010302 | Criminal Justice Technology |
| FEDAA004 | FAA Aviation Mechanic Technician - Airframe | 36 | 1649010401 | Aviation Maintenance Management |
| FEDAA004 and FEDAA010 | FAA Aviation Mechanic Technician - Airframe and FAA Aviation Maintenance Technician - Powerplant | 24 | 1647060700 | Aviation Maintenance Administration |
| FEDAA010 | FAA Aviation Maintenance Technician - Powerplant | 24 | 1649010401 | Aviation Maintenance Management |
| FEDAA011 | FAA Private Pilot | 3 | 1649010200 | Professional Pilot Technology |
| FEDAA013 | FAA Ground School | 3 | 1615080102 | Unmanned Vehicle Systems Operations |
| FLFBR001 | Agritechnology Specialist Certification | 2 | 1101000000 | Agricultural Production Technology |
| FLFBR005 | Animal Science Specialist Certification | 3 | 1101010100 | Agribusiness Management |
| FLFBR007 | Agriculture Associate Certification | 3 | 1101000000 | Agricultural Production Technology |
| FLVMA002 | Certified Veterinary Assistant (CVA) | 3 | 1301830100 | Veterinary Technology |
| FMAIN001 | Precision Sheetmetal Operator - Level I (PSMO) | 3 | 1615061307 | Manufacturing Technology |
| FNGLA001 | Certified Horticulture Professional | 6 | 1101060502 | Landscape & Horticulture Technology |

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| FNGLA003 | Certified Landscape Maintenance Technician | 3 | 1101060502 | Landscape & Horticulture Technology |
| FNGLA004 | Certified Landscape Technician | 3 | 1101060502 | Landscape & Horticulture Technology |
| GRBCI002 | LEED Green Associate | 2 | 1615100102 | Building Construction Technology |
| GRBCI002 | LEED Green Associate | 3 | 1715020101 | Civil Engineering Technology |
| GRBCI002 | LEED Green Associate | 3 | 1646041201 | Construction Management Technology |
| GRBCI002 | LEED Green Associate | 3 | 1615130202 | Computer-Aided Drafting and Design |
| HVACE001 | HVAC Excellence Employment Ready - Heat Pump | 4 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| HVACE002 | HVAC Excellence EmploymentReady - Air Conditioning | 4 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| HVACE011 | HVAC Excellence Employment Ready - Electrical | 4 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| ICOEC005 | EC-Council Cyber Forensics Associate | 3 | 1511100308 | Cybersecurity |
| ICOEC006 | EC-Council Ethical Hacker Associate | 3 | 1511100308 | Cybersecurity |
| ICOEC006 | EC-Council Ethical Hacker Associate | 3 | 1511100307 | IT Security |
| ICOEC006 | EC-Council Ethical Hacker Associate | 3 | 1511100112 | Network Systems Technology |
| IHKBZ002 | Electronics Technician for Industrial Engineering | 3 | 1615061307 | Manufacturing Technology |
| IHKBZ004 | Mechatronics Fitter | 3 | 1615061307 | Manufacturing Technology |

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| IHKBZ005 | Precision Machinist | 3 | 1615061307 | Manufacturing Technology |
| INTUT001 | Quickbooks Certified User | 3 | 1552030201 | Accounting Technology |
| INTUT001 | Quickbooks Certified User | 3 | 1552020102 | Business Administration |
| INTUT001 | Quickbooks Certified User | 3 | 1552070308 | Business Entrepreneurship |
| INTUT002 | Entrepreneurship & Small Business | 3 | 1552020102 | Business Administration |
| INTUT002 | Entrepreneurship & Small Business | 3 | 1552070308 | Business Entrepreneurship |
| ISCET001 | Associate Level Certified Electronic Technician | 6 | 1615030301 | Electronics Engineering Technology |
| KNOWL001 | Python Coding Specialist | 3 | 1511020101 | Computer Programming and Analysis |
| LINPI001 | Linux Essentials 010 | 3 | 1511010307 | Computer Information Technology |
| LINPI001 | Linux Essentials 010 | 3 | 1511100308 | Cybersecurity |
| LINPI001 | Linux Essentials 010 | 3 | 1530700100 | Data Science Technology |
| LINPI001 | Linux Essentials 010 | 3 | 1511100112 | Network Systems Technology |
| MICRO017 | Microsoft Office Specialist Master | 3 | 1552020401 | Office Administration |
| MICRO070 | Microsoft Technology Associate (MTA) - Database Administration Fundamentals | 3 | 1511010307 | Computer Information Technology |
| MICRO070 | Microsoft Technology Associate (MTA) - Database Administration Fundamentals | 3 | 1511020101 | Computer Programming and Analysis |

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| MICRO080 | Microsoft Technology Associate (MTA) - HTML5 Application Developer Fundamentals | 3 | 1511100400 | Internet Services Technology |
| MICRO082 | Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012 | 3 | 1511010307 | Computer Information Technology |
| MICRO082 | Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012 | 3 | 1511020101 | Computer Programming and Analysis |
| MICRO089 | Microsoft Certified Solutions Expert (MCSE) - Data Platform | 3 | 1511010307 | Computer Information Technology |
| MICRO089 | Microsoft Certified Solutions Expert (MCSE) - Data Platform | 3 | 1511020101 | Computer Programming and Analysis |
| MICRO101 | Microsoft Technology Associate (MTA) - Software Testing Fundamentals | 3 | 1511020101 | Computer Programming and Analysis |
| MICRO102 | Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals | 3 | 1511010307 | Computer Information Technology |
| MICRO102 | Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals | 3 | 1511080200 | Database Technology |
| MICRO104 | Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript | 3 | 1511020101 | Computer Programming and Analysis |
| MICRO106 | Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016 | 3 | 1511010307 | Computer Information Technology |
| MICRO106 | Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016 | 3 | 1511100112 | Network Systems Technology |
| MICRO112 | Microsoft Technology Associate (MTA) - Introduction to Programming Using Python | 3 | 1511020101 | Computer Programming and Analysis |
| MICRO112 | Microsoft Technology Associate (MTA) - Introduction to Programming Using Python | 3 | 1511100308 | Cybersecurity |
| MICRO114 | Microsoft Technology Associate (MTA) - Introduction to Programming Using Java | 3 | 1511020101 | Computer Programming and Analysis |
| MICRO115 | Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals | 3 | 1511010307 | Computer Information Technology |

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| MICRO115 | Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals | 3 | 1511100112 | Network Systems Technology |
| MSSCN001 | MSSC Certified Production Technician (CPT) | 6 | 1615030301 | Electronics Engineering Technology |
| MSSCN001 | MSSC Certified Production Technician (CPT) | 15 | 1615000001 | Engineering Technology |
| MSSCN001 | MSSC Certified Production Technician (CPT) | 9 | 1615061307 | Manufacturing Technology |
| NATEX001 | Air Conditioning Service Technician | 3 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| NATEX002 | Air Conditioning Installation Specialization | 4 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| NATEX003 | Air to Air Heat Pump Installation Technician | 4 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| NATHA007 | Certified Phlebotomy Technician (CPT) | 1 | 1351100405 | Medical Laboratory Technology |
| NATHA009 | Certified Clinical Medical Assistant (CCMA) | 3 | 1351070101 | Health Services Management |
| NATHA009 | Certified Clinical Medical Assistant (CCMA) | 3 | 1551070500 | Medical Office Administration |
| NATHA010 | Certified Pharmacy Technician (CPhT) | 9 | 1351080502 | Pharmacy Management |
| NCATT003 | Aerospace / Aircraft Assembly (AAA) | 9 | 1615080100 | Aerospace Technology |
| NCCER008 | NCCER Construction Technology (Secondary) | 3 | 1604090100 | Architectural Design & Construction Technology |
| NCCER018 | NCCER HVAC - Level 1 (Secondary) | 3 | 0615050100 | Air Conditioning, Refrigeration and Heating Systems Technology |
| NCCER061 | NCCER Welding - Level 1 (Secondary) | 3 | 0647060500 | Marine Engineering, Management & Seamanship |

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| NCCER098 | NCCER Manufactured Construction Technology - Level 1 (Secondary) | 3 | 1615100102 | Building Construction Technology |
| NCCER099 | NCCER Manufactured Construction Technology - Level 2 (Secondary) | 3 | 1615100102 | Building Construction Technology |
| NCFCT007 | National Certified Medical Office Assistant (NCMOA) | 6 | 1551070500 | Medical Office Administration |
| NCFCT008 | National Certified Patient Care Technician (NCPCT) | 3 | 1351070101 | Health Services Management |
| NCSBN002 | National Licensed Practical Nurse (NCLEX-PN) | 10 | 1351380100 | Nursing R.N. |
| NIASE005 | ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE007 | ASE Automobile/Light Truck Technician: Brakes (A5) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE008 | ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE009 | ASE Automobile/Light Truck Technician: Engine Performance (A8) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE010 | ASE Automobile/Light Truck Technician: Engine Repair (A1) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE011 | ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE012 | ASE Automobile/Light Truck Technician: Manual Drive Train and Axles (A3) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE014 | ASE Automobile/Light Truck Technician: Suspension and Steering (A4) | 3 | 0615080300 | Automotive Service Management Technology |
| NIASE076 | ASE Auto Maintenance and Light Repair (G1) | 3 | 0615080300 | Automotive Service Management Technology |
| NIFMS001 | NIMS Machining Level I - CNC Milling: Programming Setup & Operations | 1 | 1615000001 | Engineering Technology |

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| NIFMS001 | NIMS Machining Level I - CNC Milling: Programming Setup & Operations | 3 | 1615061307 | Manufacturing Technology |
| NIFMS002 | NIMS Machining Level I - CNC Turning: Programming Setup & Operations | 1 | 1615000001 | Engineering Technology |
| NIFMS002 | NIMS Machining Level I - CNC Turning: Programming Setup & Operations | 3 | 1615061307 | Manufacturing Technology |
| NIFMS007 | NIMS Machining Level II - Manual Milling Skills II | 3 | 1615061307 | Manufacturing Technology |
| NIFMS008 | NIMS Machining Level I - Turning Operations: Turning Between Centers | 3 | 1615061307 | Manufacturing Technology |
| NIFMS010 | NIMS Machining Level I - Turning Operations: Turning Chucking Skills | 3 | 1615061307 | Manufacturing Technology |
| NIFMS012 | NIMS Machining Level II - Grinding Skills II | 2 | 1615000001 | Engineering Technology |
| NIFMS012 | NIMS Machining Level II - Grinding Skills II | 3 | 1615061307 | Manufacturing Technology |
| NIFMS013 | NIMS Machining Level I - Drill Press Skills I | 3 | 1615061307 | Manufacturing Technology |
| NRAEF001 | Foodservice Management Professional (FMP) | 3 | 1252090500 | Restaurant Management |
| NRAEF003 | Certified Food Protection Manager (ServSafe®) | 3 | 1612050401 | Culinary Management |
| NRAEF003 | Certified Food Protection Manager (ServSafe®) | 3 | 1252090500 | Restaurant Management |
| NREMT001 | Emergency Medical Technician (EMT) | 9 | 1351090402 | Emergency Medical Services |
| NRFSP001 | Certified Food Safety Manager | 3 | 1612050102 | Baking & Pastry Management |
| NRFSP001 | Certified Food Safety Manager | 2 | 1612050401 | Culinary Management |

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| NRFSP001 | Certified Food Safety Manager | 2 | 1252090500 | Restaurant Management |
| NRFSP002 | HACCP Certification | 3 | 1612050102 | Baking & Pastry Management |
| OEDGP001 | PCAP – Certified Associate in Python Programming | 3 | 1511020101 | Computer Programming and Analysis |
| ORACL001 | Oracle Certified Associate (OCA): Database | 6 | 1511080200 | Database Technology |
| ORACL004 | Oracle Certified Associate (OCA): Java Programmer | 3 | 1511020101 | Computer Programming and Analysis |
| PRMIN004 | PMI Project Management Ready | 3 | 1511100509 | Technology Project Management |
| PROSO003 | Certified Internet Web (CIW) E-Commerce Specialist | 3 | 1552120107 | E-Business Technology |
| PROSO006 | Certified Internet Web (CIW) Database Design Specialist | 3 | 1511010307 | Computer Information Technology |
| PROSO006 | Certified Internet Web (CIW) Database Design Specialist | 3 | 1511020101 | Computer Programming and Analysis |
| PROSO017 | Certified Internet Web (CIW) JavaScript Specialist | 3 | 1511020101 | Computer Programming and Analysis |
| PROSO022 | Certified Internet Web (CIW) Web Design Specialist | 3 | 1511100400 | Internet Services Technology |
| PROSO027 | Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist | 3 | 1511010307 | Computer Information Technology |
| PROSO027 | Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist | 3 | 1511020101 | Computer Programming and Analysis |
| PROSO030 | Certified Internet Web (CIW) Data Analyst Specialist | 3 | 1530700101 | Business Intelligence Specialist |
| PROSO032 | Certified Internet Web (CIW) User Interface Designer | 3 | 1511020101 | Computer Programming and Analysis |

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| PTCBD001 | Pharmacy Technician | 9 | 1351080502 | Pharmacy Management |
| SALES001 | Salesforce Certified Administrator | 3 | 1252140101 | Marketing Management |
| SOLID003 | Certified Solidworks Associate-Academic (CSWA-Academic) | 3 | 1615000001 | Engineering Technology |
| SOLID003 | Certified Solidworks Associate-Academic (CSWA-Academic) | 3 | 1615061307 | Manufacturing Technology |
| SOLID004 | Certified Solidworks Professional - Academic (CSWP-Academic) | 3 | 1615000001 | Engineering Technology |
| SOLID004 | Certified Solidworks Professional - Academic (CSWP-Academic) | 3 | 1615080101 | Simulation Technology |
| TAFLP001 | Accredited Legal Professional (ALP) | 3 | 1552020401 | Office Administration |
| TAFLP002 | Professional Legal Secretary (PLS) | 9 | 1552020401 | Office Administration |
| UNITY001 | Unity Certified Associate | 6 | 1550041100 | Game Development Design |
| UNITY002 | Unity Certified User: Programmer | 6 | 1550041100 | Game Development Design |
| USINS001 | Small UAS Safety Certification | 1 | 1649010200 | Professional Pilot Technology |