

INDUSTRY-RECOGNIZED CREDENTIALS FOR CAREER AND TECHNICAL EDUCATION PROGRAMS

Resource Guide

June 2018



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION**

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Harrisburg, PA 17126-0333
www.education.pa.gov



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PREFACE

The Pennsylvania Department of Education, Bureau of Career and Technical Education (BCTE), has compiled this resource guide, which lists industry-recognized credentials for career and technical education programs in Pennsylvania's career clusters. These industry-recognized credentials measure competence in core content and performance standards in a specific set of work-related tasks. The work-related tasks and assessment must connect with workforce demands.

The resource guide is designed to assist schools with the process of identifying organizations that provide industry-recognized credentials. The guide is organized by career cluster.

Within each cluster, programs appear in Classification of Instructional Program Code (CIP) order with the name of the industry credentials and provider. On page 84 is an additional table that contains credentials that may be applicable to multiple clusters or programs.

Page 85 & 86 contain the process and application to request a new industry credentials to be added to this guide.

General comments or questions about the resource guide should be directed to Beth Marshall at (717-783-6860) or betmarshal@pa.gov.

AGRICULTURE, FOOD & NATURAL RESOURCES

01.0000 Agriculture, General

Course Code	Course Title	Credential	Credential Provider
		Dairy Leaders of Tomorrow	Center for Dairy Excellence
		National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Youth Pork Quality Assurance Program	National Pork Board
		Pennsylvania Beef Quality Assurance Certification	Pennsylvania Beef Quality Assurance
		Pennsylvania Pesticide Applicator Certification	Pennsylvania Department of Agriculture
		Certified Landscape Technician (CLT)	Pennsylvania Landscape & Nursery Association
		Pennsylvania Certified Horticulturist (PCH)	Pennsylvania Landscape & Nursery Association
		Pennsylvania Environment Agricultural Conservation Certification of Excellence (PEACCCE)	The Pennsylvania State University, Department of Agriculture
		Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture

Course Code	Course Title	Credential	Credential Provider
		OSHA Certification – Agriculture	CareerSafe
		Equine Facility Manager Certification	Certified Horsemanship Association
		Seasonal Equestrian Staff Certification	Certified Horsemanship Association
		Trail Guide Certification	Certified Horsemanship Association
		Disabilities Certification	Certified Horsemanship Association

CIP 01.0201 Agricultural Mechanization, General

Course Code	Course Title	Credential	Credential Provider
18401	Agriculture Mechanics Equipment/Structures	Outdoor Power Equipment Technician Certification	Equipment & Engine Training Council
18402	Agriculture Mechanics and Equipment	National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
18403	Agriculture Structures	Pennsylvania Environment Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Agriculture
18404	Agriculture Welding	OSHA Certification – Agriculture	CareerSafe
		Pennsylvania Pesticide Applicator Certification	Pennsylvania Department of Agriculture

Course Code	Course Title	Credential	Credential Provider
		Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture

CIP 01.0301 Agricultural Production Operations, General

Course Code	Course Title	Credential	Credential Provider
18301	Agricultural Production	Pennsylvania Pesticide Applicator Certification	Pennsylvania Department of Agriculture
18302	Agricultural Processing		
18303	Plant Processing	Dairy Leaders of Tomorrow	Center for Dairy Excellence
18304	Animal Processing	Youth Pork Quality Assurance Program	National Pork Board
18305	Food Product Processing		
18306	Aquaculture		
18307	Agriculture and Society	Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and Other
18308	Agricultural Biotechnology		
		Pennsylvania Beef Quality Assurance Assurance Certification	Pennsylvania Beef Quality Assurance
		National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		AI Training	Genex Cooperative, Inc.
		Certified Landscape Technician (CLT)	Pennsylvania Landscape & Nursery Association
		Pennsylvania Certified Horticulturist (PCH)	Pennsylvania Landscape & Nursery Association

Course Code	Course Title	Credential	Credential Provider
		Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture
		OSHA Certification – Agriculture	CareerSafe

01.0401 Agricultural & Food Products Processing

Course Code	Course Title	Credential	Credential Provider
		ServSafe/ Manager Food Safety Certification	National Restaurant Association
		Pennsylvania Pesticide Applicator Certification	Pennsylvania Department of Agriculture
		National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Youth Pork Quality Assurance Program	National Pork Board
		Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture
		OSHA Certification – Agriculture	CareerSafe
		Pennsylvania Environment Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Agriculture

CIP 01.0601 Applied Horticulture/ Horticultural Operations, General

Course Code	Course Title	Credential	Credential Provider
18051	Plant Production/Science	Worker Protection Standard Training	US Environmental Protection Agency Region III
18052	General Horticulture		
18053	Ornamental Horticulture	Pennsylvania Certified Horticulturist (PCH)	Pennsylvania Department of Agriculture
18054	Turf and Landscape Management	Pennsylvania Pesticide Applicator Certification	Pennsylvania Landscape & Nursery Association
18055	Soil Science	Certified Landscape Technician (CLT)	Pennsylvania Department of Agriculture
		National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture
		OSHA Certification – Agriculture	CareerSafe
		Pennsylvania Environment Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Agriculture
		ISA Certified Tree Worker/Climber Specialist	International Society of Arboriculture

CIP 01.0901 Animal Sciences, General

Course Code	Course Title	Credential	Credential Provider
18101	Animal Production/Science	Equine Facility Manager Certification	Certified Horsemanship Association
18102	Small Animal Care		
18103	Large Animal Care	Seasonal Equestrian Staff Certification	Certified Horsemanship Association
18104	Equine Science		
		Trail Guide Certification	Certified Horsemanship Association
		Disabilities Certification	Certified Horsemanship Association
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Agriculture, and other sponsors
		National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Dairy Leaders of Tomorrow	Center for Dairy Excellence
		AI Training	Genex Cooperative, Inc.
		OSHA Certification – Agriculture	CareerSafe
		Youth Pork Quality Assurance Program	National Pork Board
		Pennsylvania Beef Quality Assurance Program	Pennsylvania Beef Quality Assurance

CIP 01.9999 Agriculture, Agriculture Operations & Related Sciences, Other

Course Code	Course Title	Credential	Credential Provider
		Dairy Leaders of Tomorrow	Center for Dairy Excellence
	Pennsylvania Beef Quality Assurance Program		Pennsylvania Beef Quality Assurance
	Youth Pork Quality Assurance Program		National Pork Board
	Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)		The Pennsylvania State University, Department of Agriculture, and Other
	National Safe Tractor and Machinery Operator		Hazardous Occupations and Safety Training in Agriculture (HOSTA)
	AI Training		Genex Cooperative, Inc.
	Pennsylvania Nutrient Management Certification		Pennsylvania Department of Agriculture
	OSHA Certification – Agriculture		CareerSafe
	Pennsylvania Pesticide Applicator Certification		Pennsylvania Department of Agriculture
	Pennsylvania Certified Horticulturist (PCH)		Pennsylvania Landscape & Nursery Association
	Certified Landscape Technician (CLT)		Pennsylvania Landscape & Nursery Association

CIP 03.0299 Natural Resources Management & Policy, Other

Course Code	Course Title	Credential	Credential Provider
18501	Wildlife Management	Pennsylvania Certified Horticulturist (PCH)	Pennsylvania Landscape & Nursery Association
18502	Forestry	Certified Landscape Technician (CLT)	Pennsylvania Landscape & Nursery Association
18503	Forestry Harvesting	Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Agriculture, and Other
18504	Natural Resources Management	National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Basic Wildland Firefighter/ PA-130	Pennsylvania State Fire Academy

CIP 03.0511 Forestry Technology/Technician

Course Code	Course Title	Credential	Credential Provider
		ISA Certified Tree Worker/Climber Specialist	International Society of Arboriculture
		Basic Wildland Firefighter/ PA-130	Pennsylvania State Fire Academy
		National Safe Tractor and Machinery Operator	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Pennsylvania Pesticide Applicator Certification	Pennsylvania Department of Agriculture

Course Code	Course Title	Credential	Credential Provider
		Pennsylvania Certified Horticulturist (PCH)	Pennsylvania Landscape & Nursery Association
		Certified Landscape Technician (CLT)	Pennsylvania Landscape & Nursery Association
		Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	The Pennsylvania State University, Department of Agriculture, and Other
		OSHA Certification – Agriculture	CareerSafe

ARCHITECTURE & CONSTRUCTION

CIP 15.1303 Architectural Drafting & Architectural CAD/CADD

Course Code	Course Title	Credential	Credential Provider
		Certified Drafter	American Design Drafting Association
		Autodesk certified user	Autodesk

CIP 46.0101 Mason/Masonry

Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		PBA Skills Certificate	Pennsylvania Builders Association
		S/P2 Construction	S/P2
		Fork Lift Operator	National Safety Council
		Articulated Ladder	American Ladder Institute
		Mobile Ladder	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

CIP 46.0201 Carpentry/Carpenter

Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		PBA Skills Certificate	Pennsylvania Builders Association
		S/P2 Construction	S/P2
		Fork Lift Operator	National Safety Council
		Articulated Ladder	American Ladder Institute
		Mobile Ladder	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

CIP 46.0303 Lineworker

Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		S/P2 Construction	S/P2
		Fork Lift Operator	National Safety Council

CIP 46.0399 Electrical & Power Transmission Installers, Other

Course Code	Course Title	Credential	Credential Provider
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		PBA Skills Certificate	Pennsylvania Builders Association
		Telecommunications Technology	C-TECH
		Network Cabling Specialist – Copper	C-TECH
		Network Cabling Specialist – Fiber	C-TECH
		S/P2 Construction	S/P2
		Fork Lift Operator	National Safety Council
		NCCER credentials (various trades)	National Center for Construction Education Research (NCCER)
		Articulated Ladder	American Ladder Institute
		Mobile Ladder	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

CIP 46.0401 Building/Property Maintenance

Course Code	Course Title	Credential	Credential Provider
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Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		PBA Skills Certificate	Pennsylvania Builders Association
		S/P2 Construction	S/P2
		Telecommunications Technology	C-TECH
		Fork Lift Operator	National Safety Council
		Articulated Ladder	American Ladder Institute
		Mobile Ladder	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

CIP 46.0408 Painting/Painter & Wall Coverer

Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		S/P2 Construction	S/P2
		Pennsylvania Builder's Skills Certificate	Pennsylvania Builders Association

Course Code	Course Title	Credential	Credential Provider
		Lead Safety for Renovation, Repair and Painting Certified Renovator	Environmental Protection Agency (EPA)
		Lead Abatement	Environmental Protection Agency (EPA)

CIP 46.0503 Plumbing Technology/Plumber

Course Code	Course Title	Credential	Credential Provider
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		PBA Skills Certificate	Pennsylvania Builders Association
		EPA 608 certification	Air Conditioning and Refrigeration Institute
		S/P2 Construction	S/P2
		Fork Lift Operator	National Safety Council
		Articulated Ladder	American Ladder Institute
		Mobile Ladder	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

CIP 46.0504 Well Drilling/Driller

Course Code	Course Title	Credential	Credential Provider
		No Known Industry-Recognized Credentials—See list of “Other Credentials” suitable for all CIPs.	

CIP 46.9999 Construction Trades, Other

Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		PBA Skills Certificate	Pennsylvania Builders Association
		Fork Lift Operator	National Safety Council
		S/P2 Construction	S/P2

CIP 47.0201 Heating, Air Conditioning, Ventilation & Refrigeration Maintenance Technology/Technician

Course Code	Course Title	Credential	Credential Provider
		EPA 608 Certification	Air Conditioning and Refrigeration Institute
		Industry Competency Exams (ICE) - Commercial Refrigeration	Air Conditioning and Refrigeration Institute

Course Code	Course Title	Credential	Credential Provider
		Industry Competency Exams (ICE) - Light Commercial Air Conditioning and Heating	Air Conditioning and Refrigeration Institute
		Industry Competency Exams (ICE) Residential Air Conditioning and Heating	Machine Tool Air Conditioning and Refrigeration Institute
		Student Outcome Assessment	HVAC Excellence
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		PBA Skills Certificate	Pennsylvania Builders Association
		RSES Student Technician	Refrigeration Service Engineers Society (RSES)
		Residential Construction Academy (RCA) National Registry	Home Builders Institute
		EPA 608	Mainstream Engineering
		Indoor Air Quality	Mainstream Engineering
		EPA 608 Refrigerant Recovery	ESCO Group
		Section 609 Certification for Refrigerant Recycling and Recovery	Mobile Air Conditioning Society Worldwide
		Section 609 Certification for Refrigerant Recycling and Recovery S/P2 Construction	National Institute for Automobile Service Excellence S/P2

Course Code	Course Title	Credential	Credential Provider
		Fork Lift Operator	National Safety Council
		OSHA Certification – Construction	Careersafe
		EPA 608 Refrigerant Recovery	HVAC Excellence
		NATE Certification (various certification exams)	North American Technician Excellence (NATE)
		Articulated Ladder	American Ladder Institute
		Mobile	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

CIP 10.0399 Graphic Communications, Other

Course Code	Course Title	Credential	Credential Provider
11151	Digital Media Technology	Adobe Certified Associate – Visual Communication Using Adobe Illustrator	Certiport
11152	Desktop Publishing		
11153	Digital Media Design and Production		
11154	Commercial Graphic Design	Adobe Certified Associate – Visual Communication Using Adobe Photoshop	Certiport
11155	Graphic Technology		
11156	Photography and Printing Technology		
11157	Photoengraving	Adobe Certified Associate – Graphic Design & Illustration Using Adobe Illustration	Certiport
11158	Print Press Operations		
		Adobe Certified Associate – Print & Design Media Publication Using Adobe Indesign	Certiport
		Adobe Certified Associate – Video Communication	Certiport
		Adobe Certified Associate – Rich Media Communication	Certiport
		Adobe Certified Associate – Visual Communication	Certiport
		Adobe Certified Associate – Web Communication	Certiport

Course Code	Course Title	Credential	Credential Provider
		International Computer Driving License (ICDL)	International Computer Driving License-US

CIP 10.9999 Communications Technologies/Technicians & Support Services, Other

Course Code	Course Title	Credential	Credential Provider
11001	Introduction to Communication	Adobe Certified Associate – Web Communication	Certiport
11002	Communication Technology	Adobe Certified Associate – Visual Communication Using Adobe Illustration	Certiport
		Adobe Certified Associate – Visual Communication Using Adobe Photoshop	Certiport
		Adobe Certified Associate – Graphic Design & Illustration Using Adobe Illustrator	Certiport
		Adobe Certified Associate – Print & Design Media Publication Using Adobe Indesign	Certiport
		Adobe Certified Associate – Rich Media Communication	Certiport
		Adobe Certified Associate – Visual Communication	Certiport
		Adobe Certified Associate –	Certiport

Course Code	Course Title	Credential	Credential Provider
		Video Communication	
		Final Cut Pro - Level I	Apple, Inc.
		Final Cut Pro – Level II	Apple, Inc.

CIP 50.0402 Commercial & Advertising Art

Course Code	Course Title	Credential	Credential Provider
		Adobe Certified Associate – Visual Communication Using Adobe Illustration	Certiport
		Adobe Certified Associate – Graphic Design & Illustration Using Adobe Illustrator	Certiport
		Adobe Certified Associate – Print & Design Media Publication Using Adobe Indesign	Certiport
		Adobe Certified Associate – Visual Communication Using Adobe Photoshop	Certiport
		Adobe Certified Associate – Rich Media Communication	Certiport
		Adobe Certified Associate – Visual Communication	Certiport
		Adobe Certified Associate – Web Communication	Certiport

Course Code	Course Title	Credential	Credential Provider

CIP 50.0406 Commercial Photography

Course Code	Course Title	Credential	Credential Provider
		Autodesk Certified User	Autodesk
		Adobe Certified Associate – Video Communication	Certiport
		Adobe Certified Associate – Visual Communication	Certiport

CIP 50.0602 Cinematography & Film/Video Production

Course Code	Course Title	Credential	Credential Provider
11051	Audio/Visual Production	Autodesk certified user	Autodesk
11052	Commercial Photography	Adobe Certified Associate – Video Communication	Certiport
11053	Photographic Laboratory and Darkroom	Adobe Certified Associate – Visual Communication	Certiport
11054	Photo Imaging	Adobe Certified Associate – Visual Communication Using Adobe Illustration	Certiport
11055	Video	Adobe Certified Associate – Graphic Design & Illustration	Certiport

Course Code	Course Title	Credential	Credential Provider
		Using Adobe Illustrator	
		Adobe Certified Associate – Visual Communication Using Adobe Photoshop	Certiport
		Adobe Certified Associate – Print & Design Media Publication Using Adobe Indesign	Certiport
		Final Cut Pro – Level I	Apple, Inc.
		Final Cut Pro – Level II	Apple, Inc.

BUSINESS, MANAGEMENT & ADMINISTRATION

CIP 52.0302 Accounting Technology/Technician & Bookkeeping

Course Code	Course Title	Credential	Credential Provider
12101	Banking and Finance	Microsoft Office Master	Certiport
12102	Banking	Microsoft Office Specialist-	Certiport
12103	Finance	Microsoft Access	Certiport
12104	Accounting	Microsoft Office Specialist-	Certiport
12105	Business Economics	Microsoft Excel	Certiport
12106	Risk Management and Insurance	Microsoft Excel Expert	Certiport
12107	Investing	Microsoft Office Specialist-	Certiport
		Microsoft Outlook	Certiport
		Microsoft Office Specialist-	Certiport
		Microsoft PowerPoint	Certiport
		Microsoft Office Specialist-	Certiport
		Project	Certiport
		Microsoft Office Specialist-	Certiport
		Microsoft Word	Certiport
		Microsoft Office Specialist-	Certiport
		Microsoft Word Expert	Certiport
		Microsoft Certified Professional (MCP)	Microsoft

Course Code	Course Title	Credential	Credential Provider
		Microsoft Office Specialist-Access	Microsoft
		Microsoft Office Specialist-Excel	Microsoft
		Microsoft Office Specialist-PowerPoint	Microsoft
		Microsoft Office Specialist-Outlook	Microsoft
		Microsoft Office Specialist-Word	Microsoft

CIP 52.0401 Administrative Assistant & Secretarial Science, General

Course Code	Course Title	Credential	Credential Provider
12002	Office Procedures-Comprehensive	Microsoft Office Master	Certiport
12003	Office and Administrative Technologies	Microsoft Office Specialist-Microsoft Access	Certiport
12004	Office Services		
12005	Keyboarding	Microsoft Office Specialist-Microsoft Excel	Certiport
12006	Word Processing		
12007	Recordkeeping	Microsoft Office Specialist-Microsoft Excel Expert	Certiport
12049	Administrative-Other		
		Microsoft Office Specialist-Microsoft Outlook	Certiport
		Microsoft Office Specialist-Microsoft PowerPoint	Certiport

Course Code	Course Title	Credential	Credential Provider
		Microsoft Office Specialist –Project	Certiport
		Microsoft Office Specialist-Microsoft Word	Certiport
		Microsoft Office Specialist-Microsoft Word Expert	Certiport
		Microsoft Certified Professional (MCP)	Microsoft
		Microsoft Office Specialist-Access	Microsoft
		Microsoft Office Specialist-Excel	Microsoft
		Microsoft Office Specialist-PowerPoint	Microsoft
		Microsoft Office Specialist-Outlook	Microsoft
		Microsoft Office Specialist-Word	Microsoft

CIP 52.0701 Entrepreneurship/Entrepreneurial Studies

Course Code	Course Title	Credential	Credential Provider
		A*S*K Certification	A*S*K Institute

HEALTH SCIENCE

CIP 51.0601 Dental Assisting/Assistant

Course Code	Course Title	Credential	Credential Provider
	Radiation Health and Safety (RHS)		Dental Assisting National Board
	National Entry Level Dental Assistant		Dental Assisting National Board
	Infection Control (ICE)		Dental Assisting National Board
	Certified Dental Assistant		Dental Assisting National Board
	BLS Healthcare Provider		American Heart Association
	Heartsaver Bloodborne Certification		American Heart Association
	Heartsaver CPR		American Heart Association
	BLS Healthcare Provider		Pennsylvania Department of Health
	Adult CPR		American Red Cross
	OSHA Certification – Healthcare		CareerSafe
	CPR and AED		American Health & Safety Institute
	CPR PRO		American Health & Safety Institute

CIP 51.0707 Health Information/Medical Records Technology/Technician

Course Code	Course Title	Credential	Credential Provider
14153	Medical Office Procedures	Certified Medical - Billing and Coding Specialist (CBCS)	National Healthcareer Association
		Certified Medical Administrative Assistant (CMAA)	National Healthcareer Association
		Medical Assisting Clinical and Clerical	American Medical Certification Association
		Certified Medical Transcriptionist (CMT)	National Healthcareer Association

CIP 51.0801 Medical/Clinical Assistant

Course Code	Course Title	Credential	Credential Provider
14151	Medical/Clerical Assisting	Certified Phlebotomy Technician	National Healthcareer Association
14154	Medical Terminology	Certified Clinical Medical Assistant (CCMA)	National Healthcareer Association
		Certified EKG/ECG Technician (CET)	National Healthcareer Association
		Certified Nurse Technician	National Healthcareer Association
		Certified Patient Care Technician	National Healthcareer Association

Course Code	Course Title	Credential	Credential Provider
		Medical Assisting Clinical and Clerical	American Medical Certification Association
		Patient Care Technician	American Medical Certification Association
		Phlebotomy Technician	American Medical Certification Association
		EKG Technician	American Medical Certification Association
		BLS Healthcare Provider	American Heart Association
		BLS Healthcare Provider	Pennsylvania Department of Health
		Nurse Aide Registry	Pennsylvania Department of Health
		Personal Care Home Direct Care Staff certificate	Pennsylvania Department of Human Services
		OSHA Certification – Healthcare	CareerSafe

CIP 51.0808 Veterinary/Animal Health Technology/Technician & Veterinary Assistant

Course Code	Course Title	Credential	Credential Provider
18105	Veterinary Science	OSHA Certification – Healthcare	CareerSafe
		Pet First Aid	American Red Cross

CIP 51.0899 Health/Medical Assisting Services, Other

Course Code	Course Title	Credential	Credential Provider
14152	Pharmacy Assisting	Certified - Clinical Medical Assistant (CCMA)	National Healthcareer Association
		Certified EKG/ECG Technician	National Healthcareer Association
		Certified Patient Care Technician	National Healthcareer Association
		Certified Pharmacy Technician	National Healthcareer Association
		Certified Phlebotomy Technician	National Healthcareer Association
		Certified Nurse Technician (CNT)	National Healthcareer Association
		Nurse Aide Registry	Pennsylvania Department of Health
		BLS Healthcare Provider	American Heart Association
		CPR for Family and Friends	American Heart Association
		Heartsaver AED	American Heart Association
		Heartsaver Bloodborne Certification	American Heart Association
		Heartsaver CPR	American Heart Association
		Heartsaver First Aid	American Heart Association
		BLS Healthcare Provider	Pennsylvania Department of Health

Course Code	Course Title	Credential	Credential Provider
	AED Essentials		American Red Cross
	Community First Aid and Safety		American Red Cross
	First Aid		American Red Cross
	Automated External Defibrillation (AED)		American Safety & Health Institute
	Basic First Aid		American Safety & Health Institute
	CPR and AED		American Safety & Health Institute
	CPR Pro		American Safety & Health Institute
	Bloodborne and Airborne Pathogens		National Safety Council
	CPR and AED		National Safety Council
	First Aid		National Safety Council
	Standard First Aid, CPR and AED		National Safety Council
	Personal Care Home Direct Care Staff certificate		Pennsylvania Department of Human Services
	OSHA Certification – Healthcare		CareerSafe
	EKG Technician		American Medical Certification Association
	Medical Assisting Clinical and Clerical		American Medical Certification Association
	Patient Care Technician		American Medical Certification Association

Course Code	Course Title	Credential	Credential Provider
		Phlebotomy Technician	American Medical Certification Association
		Billing and Coding Specialist	American Medical Certification Association
		Electronic Health Record Certification	American Medical Certification Association
		National Health Care Foundation Skill Standards Assessment/ Certificate Program	National Consortium on Health Science and Technology Education

CIP 51.0904 Emergency Medical Technology/Technician (EMT Paramedic)

Course Code	Course Title	Credential	Credential Provider
		Emergency Medical Technician (EMT)	Pennsylvania Department of Health
		First Responder Program	Pennsylvania Department of Health
		Assessment and Treatment of Trauma (ATT)	American Academy of Orthopedic Surgeons
		Pediatric Emergency Assessment Recognition and Stabilization (PEARS)	American Heart Association
		NIMS IS 100	Emergency Management Institute
		NIMS IS 200	Emergency Management Institute
		NIMS IS 700	Emergency Management Institute

Course Code	Course Title	Credential	Credential Provider
		NIMS IS 800	Emergency Management Institute
		OSHA Certification – Healthcare	CareerSafe
		Advanced Cardiac Life Support for EMT (ACLS)	American Heart Association
		Hazardous Materials Response Awareness	Michigan State University/Emergency Response Solutions

CIP 51.2604 Rehabilitation Aide

Course Code	Course Title	Credential	Credential Provider
		OSHA Certification – Healthcare	CareerSafe
		Bloodborne And Airborne Pathogens	National Safety Council
		CPR and AED	National Safety Council
		First Aid	National Safety Council

CIP 51.3902 Nurse/Nursing Assistant/Aide and Patient Care Assistant

Course Code	Course Title	Credential	Credential Provider
		Certified - Patient Care Technician (CPCT)	National Healthcareer Association
		Nurse Aide Registry	Pennsylvania Department of Health

Course Code	Course Title	Credential	Credential Provider
		BLS Healthcare Provider	Pennsylvania Department of Health
		BLS Healthcare Provider	American Heart Association
		Personal Care Home Direct Care Staff certificate	Pennsylvania Department of Human Services
		OSHA Certification – Healthcare	CareerSafe

CIP 51.9999 Health Care Technology

Course Code	Course Title	Credential	Credential Provider
19053	Elder Care	Certified Nurse Technician (CNT)	National Healthcareer Association
		Certified Patient Care Technician	National Healthcareer Association
		Certified Pharmacy Technician	National Healthcareer Association
		Certified Phlebotomy Technician	National Healthcareer Association
		BLS Healthcare Provider	American Heart Association
		CPR for Family and Friends	American Heart Association
		Heartsaver AED	American Heart Association
		Heartsaver Bloodborne Certification	American Heart Association
		Heartsaver CPR	American Heart Association
		Heartsaver First Aid	American Heart Association

Course Code	Course Title	Credential	Credential Provider
	Heartsaver Pediatric First Aid CPR AED		American Heart Association
	BLS Healthcare Provider		Pennsylvania Department of Health
	Nurse Aide Registry		Pennsylvania Department of Health
	AED Essentials		American Red Cross
	Community First Aid and Safety		American Red Cross
	First Aid		American Red Cross
	Automated External Defibrillation		American Safety & Health Institute
	Basic First Aid		American Safety & Health Institute
	CPR and AED		American Safety & Health Institute
	CPR Pro		American Safety & Health Institute
	Bloodborne and Airborne Pathogens		National Safety Council
	CPR and AED		National Safety Council
	First Aid		National Safety Council
	Standard First Aid, CPR and AED		National Safety Council
	Personal Care Home Direct Care Staff certificate		Pennsylvania Department of Human Services
	OSHA Certification – Healthcare		CareerSafe

Course Code	Course Title	Credential	Credential Provider
		Medical Assisting Clinical and Clerical	American Medical Certification Association
		Patient Care Technician	American Medical Certification Association
		Phlebotomy Technician	American Medical Certification Association
		EKG Technician	American Medical Certification Association
		National Health Care Foundation Skill Standards Certificate Program	National Consortium on Health Science and Technology Education
		AED	Emergency Care & Safety Institute
		CPR	Emergency Care & Safety Institute
		First Aid	Emergency Care & Safety Institute
		Healthcare Provider CPR/AED	Emergency Care & Safety Institute
		Oxygen Administration Certification	Emergency Care & Safety Institute
		Bloodborne Airborne Pathogen	Emergency Care & Safety Institute
		Community Emergency Response Team (CERT)	FEMA
		Certified EKG/ECG Technician (CET)	National Healthcare Association
		Certified Medical Administration Assistant	National Healthcare Association
		Certified Pharmacy Technician	Pharmacy Technician Certification Board

HOSPITALITY & TOURISM

CIP 12.0501 Baking & Pastry Arts/Barker/Pastry Chef

Course Code	Course Title	Credential	Credential Provider
		Certified Culinarian (CC)	American Culinary Federation
		Certified –Fundamental Cook (CFC)	American Culinary Federation
		Pastry Culinarian (CPC)	American Culinary Federation
		Certified Fundamental Pastry Cook (CFPC)	American Culinary Federation
		ServSafe/ Manager Food Safety Certification	National Restaurant Association
		ProStart National Certificate	National Restaurant Association
		ProStart National Certificate of Achievement	PA Restaurant & Lodging Association (PRLA)
		S/P2 Culinary	S/P2
		ServSafe Allergen Certification	ServSafe
		ServSafe Food Handler Certification	ServSafe

CIP 12.0508 Institutional Food Workers

Course Code	Course Title	Credential	Credential Provider
		Certified Culinarian (CC)	American Culinary Federation

Course Code	Course Title	Credential	Credential Provider
		Certified Fundamental Cook (CFC)	American Culinary Federation
		Certified Pastry Culinarian (CPC)	American Culinary Federation
		Certified Fundamental Pastry Cook (CFPC)	American Culinary Federation
		Plant Based Certification	Rouxbe Cooking School
		Professional Cook Certification	Rouxbe Cooking School
		Heartsaver CPR	American Heart Association
		Heartsaver First Aid	American Heart Association
		ProStart National Certificate	National Restaurant Association
		ServeSafe/Manager Food Safety Certification	National Restaurant Association
		S/P2 Culinary	S/P2
		ProStart National Certificate of Achievement	PA Restaurant and Lodging Association
		Certified Rooms Division Specialist (CRDS)	American Hotel & Lodging Association
		ServSafe Allergen Certification	ServSafe
		ServSafe Food Handler Certification	ServSafe

CIP 52.1905 Tourism & Travel Services Marketing Operations

Course Code	Course Title	Credential	Credential Provider
		Certified Rooms Division Specialist (CRDS)	American Hotel & Lodging Association
		ServSafe/ Manager Food Safety Certification	National Restaurant Association

HUMAN SERVICES

CIP 12.0401 Cosmetology

Course Code	Course Title	Credential	Credential Provider
		Cosmetologist	Pennsylvania Department of State, State Board of Cosmetology
		Esthetician	Pennsylvania Department of State, State Board of Cosmetology
		Manicurist	Pennsylvania Department of State, State Board of Cosmetology
		S/P2 – Cosmetology	S/P2

CIP 12.0402 Barbering/Barber

Course Code	Course Title	Credential	Credential Provider
		Barber (License)	Pennsylvania Department of State, State Board of Barber Examiners

CIP 19.0708 Child Care & Support Services Management

Course Code	Course Title	Credential	Credential Provider
19051	Child Care	Child Development Associate (CDA)	Council for Professional Recognition
19052	Child Development		
19054	Caregiving Service		
19151	Teaching Profession	CDA-Ready Certificate	PDE/BCTE
19152	Educational Methodology		

Course Code	Course Title	Credential	Credential Provider
19153	Early Childhood Education	Early Childhood Education	American Association of Family and Consumer Science
22201	Family and Consumer Science-Comprehensive		
22202	Food and Nutrition	Education Fundamentals	American Association of Family and Consumer Science
22203	Food Science		
22204	Child Development/Parenting	CPR for Family and Friends	American Heart Association
22205	Clothing/Sewing	Heartsaver AED	American Heart Association
22206	Life Skills	Heartsaver First Aid	American Heart Association
22207	Self-Management		
22208	Family Living	Heartsaver Pediatric First Aid CPR AED	American Heart Association
22209	Personal Development		
22210	Consumer Economics/Personal Finance	BLS Healthcare Provider	American Heart Association
22211	Home Decor	Advanced Child Care	American Red Cross
		AED Essentials	American Red Cross
		Babysitter's Training	American Red Cross
		Babysitting Basics	American Red Cross
		Community First Aid and Safety	American Red Cross
		First Aid	American Red Cross
		Infant and Child CPR	American Red Cross
		Automated External Defibrillation	American Safety & Health Institute
		Basic First Aid	American Safety & Health Institute

Course Code	Course Title	Credential	Credential Provider
		CPR and AED	American Safety & Health Institute
		CPR PRO	American Safety & Health Institute
		Pediatric First Aid, CPR and AED	National Safety Council
		CPR	American Academy of Pediatrics
		Pediatric First Aid	American Academy of Pediatrics
		Health and Safety Basics	Penn State Extension
		Act 31-Mandatory Reporter	Penn State Hershey Center for Protection of Children
		Act 31-Mandatory Reporter	University of Pittsburgh
		ServSafe Allergen Certification	ServSafe
		ServSafe Food Handler Certification	ServSafe
		ServSafe Manager	National Restaurant Association

CIP 19.9999 Family & Consumer Sciences/Human Sciences, Other

Course Code	Course Title	Credential	Credential Provider
		Advanced Child Care	American Red Cross
		Babysitter's Training	American Red Cross

Course Code	Course Title	Credential	Credential Provider
		Babysitting Basics	American Red Cross
		Culinary Arts	American Association of Family and Consumer Science
		Early Childhood Education	American Association of Family and Consumer Science
		Education Fundamentals	American Association of Family and Consumer Science
		Family and Community Services	American Association of Family and Consumer Science
		Fashion, Textiles and Apparel	American Association of Family and Consumer Science
		Food Science Fundamentals	American Association of Family and Consumer Science
		Nutrition, Food and Wellness	American Association of Family and Consumer Science
		Personal and Family Finance	American Association of Family and Consumer Science
		Housing & Furnishings Interior Design	American Association of Family and Consumer Science
		Interior Design Fundamentals	American Association of Family and Consumer Science

CIP 32.0105 Job Seeking/Changing Skills (Diversified Occupations)

Course Code	Course Title	Credential	Credential Provider
		No Known Industry-Recognized Credentials—See list of “Other Credentials” suitable for all CIPs.	

INFORMATION TECHNOLOGY

CIP 09.0702 Digital Communications & Media/Multimedia

Course Code	Course Title	Credential	Credential Provider
	Digital Video using Adobe Premiere	Adobe	
	CIW Associate Design Specialist	Certification Partners	
	CIW Development Associate	Certification Partners	
	CIW Web Design Specialist	Certification Partners	
	Adobe Certified Associate – Visual Communication Using Adobe Illustrator	Certiport	
	Adobe Certified Associate – Graphic Design & Illustration Using Adobe Illustration	Certiport	
	Adobe Certified Associate – Visual Communication Using Adobe Photoshop	Certiport	
	Adobe Certified Associate – Print & Design Media Publication Using Adobe Indesign	Certiport	
	Adobe Certified Associate – Rich Media Communication	Certiport	

Course Code	Course Title	Credential	Credential Provider
		Adobe Certified Associate – Visual Communication	Certiport
		Adobe Certified Associate – Web Communication	Certiport
		Internet and Computing Core Certification (IC3)	Certiport
		International Computer Driving License (ICDL)	International Computer Driving License-US

CIP 11.0201 Computer Programming/Programmer, General

Course Code	Course Title	Credential	Credential Provider
10151	Business Programming	Cisco Certified - Design Associate (CCDA)	Cisco
10152	Computer Programming		
10153	Visual Basic Programming	Cisco Certified - Entry Networking Technician (CCENT)	Cisco
10154	C++ Programming		
10155	Java Programming		
10156	Computer Programming – Other Language	Cisco Certified - Network Associate (CCNA)	Cisco
10157	Computer Programming Science A	A +	Computing Technology Industry Association (CompTIA)
		IT Fundamentals	Computing Technology Industry Association (CompTIA)

Course Code	Course Title	Credential	Credential Provider
		Network +	Computing Technology Industry Association (CompTIA)
		Security +	Computing Technology Industry Association (CompTIA)
		Server +	Computing Technology Industry Association (CompTIA)
		Microsoft Certified Professional (MCP)	Microsoft
		Microsoft Office Specialist – Access	Microsoft
		Microsoft Office Specialist – Excel	Microsoft
		Microsoft Office Specialist – PowerPoint	Microsoft
		Microsoft Office Specialist – Word	Microsoft
		Microsoft Office Master	Certiport
		Microsoft Office Specialist – Access	Certiport
		Microsoft Office Specialist – Excel	Certiport
		Microsoft Office Specialist – Excel Expert	Certiport
		Microsoft Office Specialist – Outlook	Certiport
		Microsoft Office Specialist – PowerPoint	Certiport

Course Code	Course Title	Credential	Credential Provider
		Microsoft Office Specialist – Project	Certiport
		Microsoft Office Specialist – Word	Certiport
		Microsoft Office Specialist – Word Expert	Certiport
		Microsoft Technology Associate – Cloud Fundamentals	Certiport
		Microsoft Technology Associate – Database Administration Fundamentals	Certiport
		Microsoft Technology Associate (MTA)-Application Developer Fundamentals	Certiport
		Microsoft Technology Associate – Mobility and Device Fundamentals	Certiport
		Microsoft Technology Associate – Networking Fundamentals	Certiport
		Microsoft Technology Associate – Security Fundamentals	Certiport
		Microsoft Technology Associate – Server Fundamentals	Certiport
		Microsoft Technology Associate – Software Developer Fundamentals	Certiport

Course Code	Course Title	Credential	Credential Provider
		Microsoft Technology Associate – Windows Operating System Fundamentals	Certiport
		Certified Novell Administrator (CNA)	Novell
		Internet and Computing Core Certification (IC3)	Certiport
		International Computer Driving License (ICDL)	International Computer Driving License – US
		Oracle Certification (path based on product)	Oracle

CIP 11.0801 Web Page, Digital/Multimedia & Information Resources Design

Course Code	Course Title	Credential	Credential Provider
10201	Web Page Design	Adobe Certified Associate-Visual Communication Using Adobe Photoshop	Certiport
10202	Computer Graphics		
10203	Interactive Media	Adobe Certified Associate-Graphic Design & Illustration Using Adobe Illustration	Certiport
		Adobe Certified Associate-Print & Design Media Publication Using Adobe Indesign	Certiport
		Adobe Certified Associate-Rich Media Communication	Certiport

Course Code	Course Title	Credential	Credential Provider
		Adobe Certified Associate-Video Communication	Certiport
		Adobe Certified Associate-Visual Communication	Certiport
		Adobe Certified Associate-Web Communication	Certiport
		CIW Associate Design Specialist	Certification Partners
		CIW Site Development Associate	Certification Partners
		CIW Web Design Specialist	Certification Partners
		Internet and Computing Core Certification (IC3)	Certiport
		International Computer Driver License (ICDL)	International Computer Driver License-US
		Certified Web Professional (Various Titles – Apprentice, Associate and Professional Levels)	World Association of Webmasters (WOW)

CIP 11.0901 Computer Systems Networking & Telecommunications

Course Code	Course Title	Credential	Credential Provider
10101	Network Technology	Cisco Certified - Network Associate (CCNA)	Cisco
10102	Network Systems		
10103	Area Network Design and Protocols	Entry Networking Technician	Cisco

Course Code	Course Title	Credential	Credential Provider
10104	Router Basics	A+	Computing Technology Industry Association (CompTIA)
10105	NewWare Routing		
10106	Wide Area Telecommunications and Networking		
10107	Wireless Networks	IT Fundamentals	Computing Technology Industry Association (CompTIA)
10108	Network Security		
10109	Essentials of Network Operating Systems		
10110	Microsoft Certified Profess.	Linux+	Computing Technology Industry Association (CompTIA)
		Network+	Computing Technology Industry Association (CompTIA)
		Security+	Computing Technology Industry Association (CompTIA)
		Server+	Computing Technology Industry Association (CompTIA)
		Client Pro	Test Out
		Desktop Pro	Test Out
		Linux Pro	Test Out
		PC Pro	Test Out
		Network Pro	Test Out
		Routing Pro	Test Out
		Security Pro	Test Out

Course Code	Course Title	Credential	Credential Provider
	Server Pro-Install & Configure	Test Out	
	Server Pro-Manage & Administer Switching Pro	Test Out Test Out	
	Microsoft Certified Professional (MCP)	Microsoft	
	Certified Novell Administrator (CNA)	Novell	
	Oracle Certification (path based on product)	Oracle	
	CIW Associate Design Specialist	Certification Partners	
	CIW Site Development Associate	Certification Partners	
	CIW Web Design Specialist	Certification Partners	
	Microsoft Technology Associate (MTA)-Database Administration Fundamentals	Certiport	
	Microsoft Technology Associate (MTA)-Networking Fundamentals	Certiport	
	Microsoft Technology Associate (MTA)-Security Fundamentals	Certiport	
	Microsoft Technology Associate (MTA)-Server Fundamentals	Certiport	

Course Code	Course Title	Credential	Credential Provider
	Microsoft Technology Associate (MTA)-Software Developer Fundamentals	Certiport	
	Microsoft Technology Associate (MTA)-Windows Operating System Fundamentals	Certiport	
	Microsoft Office Specialist-Access	Microsoft	
	Microsoft Office Specialist-Excel	Microsoft	
	Microsoft Office Specialist-Powerpoint	Microsoft	
	Microsoft Office Specialist-Word	Microsoft	
	Microsoft Office Master	Certiport	
	Microsoft Office Specialist-Word	Certiport	
	Microsoft Office Specialist – Access	Certiport	
	Microsoft Office Specialist – Excel	Certiport	
	Microsoft Office Specialist – Excel Expert	Certiport	
	Microsoft Office Specialist – Outlook	Certiport	
	Microsoft Office Specialist – PowerPoint	Certiport	
	Microsoft Office Specialist – Project	Certiport	
	Microsoft Office Specialist – Word	Certiport	

Course Code	Course Title	Credential	Credential Provider
		Expert	Certiport
		Internet and Computing Core Certification (IC3)	Certiport
		Network Cabling Specialist-Copper	C-TECH
		Network Cabling Specialist-Fiber	C-TECH
		International Computer Driver License (ICDL)	International Computer Driver License-US

CIP 15.1202 Computer Technology/Computer Systems Technology

Course Code	Course Title	Credential	Credential Provider
10001	Introduction to Computers	Cisco Certified - Network Associate (CCNA)	Cisco
10002	Computing Systems		
10003	Computer and Information Tech	Cisco Certified - Entry Networking Technician (CCENT)	Cisco
10004	Computer Applications	A+	Computing Technology Industry Association (CompTIA)
10005	Business Computer Applications		
10006	Telecommunications	Network+	Computing Technology Industry Association (CompTIA)
		Server+	Computing Technology Industry Association

Course Code	Course Title	Credential	Credential Provider
	Security+		(CompTIA) Computing Technology Industry Association (CompTIA)
	IT Fundamentals		Computing Technology Industry Association (CompTIA)
	Microsoft Office Specialist-Access		Microsoft
	Microsoft Office Specialist-Excel		Microsoft
	Microsoft Office Specialist-Powerpoint		Microsoft
	Microsoft Office Specialist-Word		Microsoft
	Microsoft Certified Professional (MCP)		Microsoft
	Certified Novell Administrator (CNA)		Novell
	Oracle Certification (path based on product)		Oracle
	Microsoft Office Master		Certiport
	Microsoft Office Specialist - Word		Certiport
	Microsoft Office Specialist – Access		Certiport
	Microsoft Office Specialist – Excel		Certiport
	Microsoft Office Specialist – Excel Expert		Certiport

Course Code	Course Title	Credential	Credential Provider
	Microsoft Office Specialist – Outlook		Certiport
	Microsoft Office Specialist – PowerPoint		Certiport
	Microsoft Office Specialist – Project		Certiport
	Microsoft Office Specialist – Word Expert		Certiport
	Microsoft Technology Associate (MTA)-Database Administration Fundamentals		Certiport
	Microsoft Technology Associate (MTA)-Networking Fundamentals		Certiport
	Microsoft Technology Associate (MTA)-Security Fundamentals		Certiport
	Microsoft Technology Associate (MTA)-Server Fundamentals		Certiport
	Microsoft Technology Associate (MTA)-Software Developer Fundamentals		Certiport
	Microsoft Technology Associate (MTA)-Windows Operating System Fundamentals		Certiport
	Internet and Computing Core Certification (IC3)		Certiport

Course Code	Course Title	Credential	Credential Provider
		International Computer Driver License (ICDL)	International Computer Driver License-US
		PC Pro Network Pro	Test Out
		Routing Pro	Test Out
		Security Pro	Test Out
		Switching Pro	Test Out

CIP 52.1201 Management Information Systems, General

Course Code	Course Title	Credential	Credential Provider
11051	Information Management	Cisco Certified - Network Associate (CCNA)	Cisco
11052	Database Management and Data Warehousing		
11053	Data Applications	Entry Networking Technician (CCENT)	Cisco
11054	Data System/Processing		
12051	Introductory Business	A+	Computing Technology Industry Association (CompTIA)
12052	Business Management		
12053	Entrepreneurship		
12054	Business Law	Network+	Computing Technology Industry Association (CompTIA)
12055	Business Principles and Management		
12056	International Business and Marketing	Security+	Computing Technology Industry Association (CompTIA)
12057	Human Resources and Labor Relations	Server+	Computing Technology Industry Association (CompTIA)

Course Code	Course Title	Credential	Credential Provider
12058	Human Resources Management	IT Fundamentals	Computing Technology Industry Association (CompTIA)
		Microsoft Certified Professional (MCP)	Microsoft
		Microsoft Office Specialist-Access	Microsoft
		Microsoft Office Specialist-Excel	Microsoft
		Microsoft Office Specialist-PowerPoint	Microsoft
		Microsoft Office Specialist-Word	Microsoft
		Internet and Computing Core Certification (IC3)	Certiport
		Microsoft Office Master	Certiport
		Microsoft Office Specialist - Word	Certiport
		Microsoft Office Specialist – Access	Certiport
		Microsoft Office Specialist – Excel	Certiport
		Microsoft Office Specialist – Excel Expert	Certiport
		Microsoft Office Specialist – Outlook	Certiport
		Microsoft Office Specialist – PowerPoint	Certiport

Course Code	Course Title	Credential	Credential Provider
		Microsoft Office Specialist – Project	Certiport
		Microsoft Office Specialist – Word Expert	Certiport
		Certified Novell Administrator (CNA)	Novell
		Oracle Certification (path based on product)	Oracle
		International Computer Driver License (ICDL)	International Computer Driver License-US

LAW, PUBLIC SAFETY & SECURITY

CIP 43.0107 Criminal Justice/Police Science

Course Code	Course Title	Credential	Credential Provider
	Basic Wildland Firefighter/PA 130		Pennsylvania State Fire Academy
	Certificate of Training – Basic Rigging for Rope Rescue		Pennsylvania State Fire Academy
	Certificate of Training –Basic Vehicle Rescue Awareness		Pennsylvania State Fire Academy
	Certificate of Training –Basic Vehicle Rescue Operations		Pennsylvania State Fire Academy
	Certificate of Training –Emergency Response to Terrorism Basic Concepts		Pennsylvania State Fire Academy
	Certificate of Training –Hazardous Materials First Responder Awareness		Pennsylvania State Fire Academy
	Certificate of Training – Incident Command System		Pennsylvania State Fire Academy
	Certificate of Training – PA Essentials of Firefighting		Pennsylvania State Fire Academy
	Certificate of Training – Recognition and Identification of Hazardous Materials		Pennsylvania State Fire Academy

Course Code	Course Title	Credential	Credential Provider
		Certificate of Training – Rope Rescue I	Pennsylvania State Fire Academy
		Certificate of Training – Rope Rescue II	Pennsylvania State Fire Academy
		MDTS	Personal Protection Consultants, Inc.
		MOAB	Personal Protection Consultants, Inc.
		OCAAT	Personal Protection Consultants, Inc.
		PATH	Personal Protection Consultants, Inc.
		PPBT	Personal Protection Consultants, Inc.
		First Responder	Pennsylvania Department of Health
		Emergency Medical Technician (EMT)	Pennsylvania Department of Health
		Certified Protection Officer, CPO	International Foundation for Protection Officers
		NIMS IS100	Emergency Management Institute
		NIMS IS 200	Emergency Management Institute
		NIMS IS 700	Emergency Management Institute
		NIMS IS 800	Emergency Management Institute
		BLS Healthcare Provider	American Heart Association
		BLS Healthcare Provider	Pennsylvania Department of Health

Course Code	Course Title	Credential	Credential Provider
		Emergency Telecommunicator (ETC)	The National Academies of Emergency Dispatch
		Public Safety Telecommunicator	APCO Institute
		Hazardous Materials Response-Awareness	Michigan State University/Emergency Response Solutions

CIP 43.0203 Fire Science/Fire-Fighting

Course Code	Course Title	Credential	Credential Provider
		Basic Wildland Firefighter/PA-130	Pennsylvania State Fire Academy
		Certificate of Training – Basic Rigging for Rope Rescue	Pennsylvania State Fire Academy
		Certificate of Training –Basic Vehicle Rescue Operations	Pennsylvania State Fire Academy
		Certificate of Training –Basic Vehicle Rescue Awareness	Pennsylvania State Fire Academy
		Certificate of Training –Emergency Response to Terrorism Basic Concepts	Pennsylvania State Fire Academy
		Certificate of Training –Hazardous Materials First Responder Awareness	Pennsylvania State Fire Academy
		Certificate of Training – Incident Command System	Pennsylvania State Fire Academy

Course Code	Course Title	Credential	Credential Provider
		Certificate of Training – PA Essentials of Firefighting	Pennsylvania State Fire Academy
		Certificate of Training – Recognition and Identification of Hazardous Materials	Pennsylvania State Fire Academy
		Certificate of Training–Rope Rescue I	Pennsylvania State Fire Academy
		Certificate of Training–Rope Rescue II	Pennsylvania State Fire Academy
		First Responder	Pennsylvania Department of Health
		Emergency Medical Technician (EMT)	Pennsylvania Department of Health
		NIMS IS 100	Emergency Management Institute
		NIMS IS 200	Emergency Management Institute
		NIMS IS 700	Emergency Management Institute
		NIMS IS 800	Emergency Management Institute
		Hazardous Materials Response-Awareness	Michigan State University/Emergency Response Solutions

CIP 43.9999 Homeland Security, Law Enforcement, Firefighting & Related Protective Services, Other

Course Code	Course Title	Credential	Credential Provider
15051	Criminal Justice	Basic Wildland Firefighter/PA-130	Pennsylvania State Fire Academy
15052	Corrections		
15101	Public Safety	Certificate of Training –Basic Vehicle Rescue Awareness	Pennsylvania State Fire Academy
15102	Security Services	Certificate of Training –Basic Vehicle Rescue Operations	Pennsylvania State Fire Academy
		Certificate of Training – Basic Rigging for Rope Rescue	Pennsylvania State Fire Academy
		Certificate of Training –Emergency Response to Terrorism Basic Concepts	Pennsylvania State Fire Academy
		Certificate of Training –Hazardous Materials First Responder Awareness	Pennsylvania State Fire Academy
		Certificate of Training – Incident Command System	Pennsylvania State Fire Academy
		Certificate of Training – PA Essentials of Firefighting	Pennsylvania State Fire Academy
		Certificate of Training – Recognition and Identification of Hazardous Materials	Pennsylvania State Fire Academy
		Certificate of Training – Rope Rescue I	Pennsylvania State Fire Academy

Course Code	Course Title	Credential	Credential Provider
	Certificate of Training – Rope Rescue II		Pennsylvania State Fire Academy
	Public Safety Telecommunicator, 1 (PST1)		APCO Institute
	First Responder		Pennsylvania Department of Health
	BLS Health-care Provider		American Heart Association
	BLS Health-care Provider		Pennsylvania Department of Health
	CPR and AED		American Safety & Health Institute
	Advanced First Aid		American Safety & Health Institute
	Emergency Medical Technician (EMT)		Pennsylvania Department of Health
	Certified Protection Officer, CPO		International Foundation for Protection Officers
	NIMS IS 100		Emergency Management Institute
	NIMS IS 200		Emergency Management Institute
	NIMS IS 700		Emergency Management Institute
	NIMS IS 800		Emergency Management Institute
	Spontaneous Knife Defense		Total Control Training Institute
	Emergency Telecommunicator (ETC)		The National Academies of Emergency Dispatch
	MDTS		Personal Protection Consultants, Inc.

Course Code	Course Title	Credential	Credential Provider
		MOAB	Personal Protection Consultants, Inc.
		OCAAT	Personal Protection Consultants, Inc.
		PATH	Personal Protection Consultants, Inc.
		PPBT	Personal Protection Consultants, Inc.
		Hazardous Materials Response-Awareness	Michigan State University/Emergency Response Solutions

MANUFACTURING

CIP 15.0303 Electrical, Electronic & Communications Engineering Technology/Technician

Course Code	Course Title	Credential	Credential Provider
		Certified Electronics Technician Associate (CETa)	Electronics Technicians Association, International
		Student Electronics Technician (SET)	Electronics Technicians Association, International
		Customer Service Specialist	Electronics Technicians Association, International
		EM1-DC Basics	Electronics Technicians Association, International
		EM2-AC Basics	Electronics Technicians Association, International
		EM3-Analog	Electronics Technicians Association, International
		EM4-Digital Basics	Electronics Technicians Association, International
		EM5-Comprehensive	Electronics Technicians Association, International
		Certified Alarm Security Technician	Electronics Technicians Association, International
		Residential Electronics Systems Integrator	Electronics Technicians Association, International

Course Code	Course Title	Credential	Credential Provider
		Certified Satellite Installer	Electronics Technicians Association, International
		Articulated Ladder	American Ladder Institute
		Mobile Ladder	American Ladder Institute
		Single and Extension Ladder	American Ladder Institute
		Step Ladder	American Ladder Institute

CIP 15.0403 Electromechanical Technology/Electromechanical Engineering Technology

Course Code	Course Title	Credential	Credential Provider
		AM/IST Level I	Industrial Maintenance Training Center of PA

CIP 15.1301 Drafting & Design Technology/Technician General

Course Code	Course Title	Credential	Credential Provider
21101	Drafting Careers Exploration	Certified Drafter	American Design Drafting Association
21102	Drafting-General		
21103	Drafting-Architectural	Autodesk Certified Drafter	Autodesk
21104	Drafting-Civil/Structural		
21105	Drafting-Electrical/Electronic		
21106	Drafting-Technical/ Mechanical		
21107	CAD Design and Software		
21108	Blueprint Reading		

CIP 47.0199 Electrical/Electronics Maintenance & Repair Technology, Other

Course Code	Course Title	Credential	Credential Provider
		NC3 Electronics/Electrical Certification	National Coalition of Certification Centers

CIP 48.0501 Machine Tool Technology/Machinist

Course Code	Course Title	Credential	Credential Provider
13203	Machining	NIMS CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills, Inc.
		NIMS CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I CNC Turning	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I CNC Milling	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Milling	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Surface Grinding	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Turning Between Centers	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Turning with Chucking	National Institute for Metalworking Skills, Inc.

Course Code	Course Title	Credential	Credential Provider
		NIMS Machining Level I Manual Drill Press Operations	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Measurement, Materials and Safety	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Planning, Benchmark, Layout	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level II	National Institute for Metalworking Skills, Inc.

CIP 48.0506 Sheet Metal Technology/Sheetworking

Course Code	Course Title	Credential	Credential Provider
		No Known Industry-Recognized Credentials—See list of “Other Credentials” suitable for all CIPs.	

CIP 48.0508 Welding Technology/Welder

Course Code	Course Title	Credential	Credential Provider
13207	Welding	Certified Welder	American Welding Society
		Level I – Entry Welder	American Welding Society
		Level II - Advanced Welder	American Welding Society
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		S/P2 – Welding	S/P2

CIP 48.0599 Precision Metal Working, Other

Course Code	Course Title	Credential	Credential Provider
13201	Metalwork Occupations	NIMS CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills, Inc.
13202	Metalworking	NIMS CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I CNC Milling	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I CNC Turning	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Milling	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Surface Grinding	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Turning Between Centers	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Turning with Chucking	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Drill Press Operations	National Institute for Metalworking Skills, Inc.

Course Code	Course Title	Credential	Credential Provider
		NIMS Machining Level I Measurement, Materials and Safety	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Planning, Benchmark, Layout	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level II	National Institute for Metalworking Skills, Inc.

CIP 48.0703 Cabinetmaking & Millwork

Course Code	Course Title	Credential	Credential Provider
		NCCER credentials (various trades)	National Center for Construction Education and Research (NCCER)
		Pennsylvania Builders Association Skills Certificate	Pennsylvania Builders Association

CIP 48.9999 Precision Production, Other

Course Code	Course Title	Credential	Credential Provider
		NIMS CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills, Inc.
		NIMS CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I	National Institute for Metalworking Skills, Inc.

Course Code	Course Title	Credential	Credential Provider
		NIMS Machining Level I CNC Milling	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I CNC Turning	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Milling	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Surface Grinding	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Drill Press Operations	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Turning Between Centers	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Manual Turning with Chucking	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Measurement, Materials and Safety	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level I Planning, Benchmark, Layout	National Institute for Metalworking Skills, Inc.
		NIMS Machining Level II	National Institute for Metalworking Skills, Inc.

MARKETING, SALES & SERVICE

CIP 19.0905 Apparel & Textile Marketing Management

Course Code	Course Title	Credential	Credential Provider
19201	Clothing and Textiles	Fashion Design and Textiles	American Association of Family and Consumer Sciences
19202	Clothing/Textile Maintenance		
19203	Apparel Construction		
19204	Apparel and Textile Services		
19205	Home Furnishing		
19206	Home Furnishings Production		

CIP 52.1801 Sales, Distribution & Marketing Operations, General

Course Code	Course Title	Credential	Credential Provider
12152	Marketing-Comprehensive	Certified Rooms Division Specialist (CRDS)	American Hotel & Lodging Association
12153	Marketing-Fashion		
12154	Marketing-Real Estate	A*S*K Certification	A*S*K Institute
12155	Marketing-Transportation	National Professional Certification in Customer Service	National Retail Federation Foundation
12156	Marketing-Food/Beverage Industry		
12157	Marketing-Insurance		
12158	Marketing-Floristry		
12159	Marketing-Hospitality/Tourism		
12160	Marketing-Merchandising		
12161	Retail Marketing		
12162	Internet Marketing		
12163	Sports and Entertainment Marketing		

Course Code	Course Title	Credential	Credential Provider
12164	Principles of Marketing		
12165	Principles of Advertising		
12166	Marketing Management		

CIP 52.1907 Vehicle & Vehicle Parts & Accessories Marketing

Course Code	Course Title	Credential	Credential Provider
		S/P2 Safety & Pollution Prevention	S/P2
		S/P2 Automotive	S/P2

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

CIP 15.0399 Electrical & Electronic Engineering Technologies/Technicians, Other

Course Code	Course Title	Credential	Credential Provider
		Student Electronics Technician (SET)	Electronics Technicians Association, International
		Associate Certified Electronics Technician (CETa)	Electronics Technicians Association, International
		001 and 610 Certifications	Association Connecting Electronics Industries
		IPC J-STD-001 Certification	ICP-Association Connecting Electronic Industries
		IPC-A-610 Certification	ICP-Association Connecting Electronic Industries

CIP 15.9999 Engineering Technologies/Technicians, Other

Course Code	Course Title	Credential	Credential Provider
21001	Pre-Engineering Technology	Certified Drafter	American Design Drafting Association
21002	Engineering Applications		
21003	Engineering Technology	Cisco Certified - Network Associate (CCNA)	Cisco Systems
21004	Principals of Engineering		
21005	Engineering-Comprehensive	Cisco Certified - Entry Networking Technician (CCENT)	Cisco Systems
21006	Engineering Design		
21007	Engineering Design and Development	A+	
21008	Digital Electronics		Computing Technology Industry Association (CompTIA)
21009	Robotics		

Course Code	Course Title	Credential	Credential Provider
21010	Computer Integrated Manufacturing	Network+	Computing Technology Industry Association (CompTIA)
21011	Civil Engineering		
21012	Civil Engineering and Architecture	Security+	Computing Technology Industry Association (CompTIA)
21013	Aerospace Engineering		
21014	Biotechnology Engineering	Server+	Computing Technology Industry Association (CompTIA)
		IT Fundamentals	Computing Technology Industry Association (CompTIA)
		Certified Electronics Technician (CETa)	Electronics Technicians Association, International
		Student Electronics Technician (SET)	Electronics Technicians Association, International
		Microsoft Certified Professional (MCP)	Microsoft
		Microsoft Office Specialist-Access	Microsoft
		Microsoft Office Specialist-Excel	Microsoft
		Microsoft Office Specialist-PowerPoint	Microsoft
		Microsoft Office Specialist-Word	Microsoft
		Microsoft Office Master	Certiport
		Microsoft Office Specialist – Access	Certiport

Course Code	Course Title	Credential	Credential Provider
		Microsoft Office Specialist – Excel	Certiport
		Microsoft Office Specialist – Excel Expert	Certiport
		Microsoft Office Specialist – Outlook	Certiport
		Microsoft Office Specialist – PowerPoint	Certiport
		Microsoft Office Specialist – Project	Certiport
		Microsoft Office Specialist – Word	Certiport
		Microsoft Office Specialist – Word Expert	Certiport
		Certified Novell Administrator (CNA)	Novell
		Oracle Certification (path based on product)	Oracle
		Autodesk certified user	Autodesk
		Network Cabling Specialist-Copper Wire	C-TECH

CIP 26.1201 Biotechnology

Course Code	Course Title	Credential	Credential Provider
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OSHA Certification-Healthcare	CareerSafe
BLS Healthcare Provider	American Heart Association
Heartsaver AED	American Heart Association
Heartsaver CPR	American Heart Association
Heartsaver First Aid	American Heart Association

TRANSPORTATION, DISTRIBUTION & LOGISTICS

CIP 47.0302 Heavy Equipment Maintenance Technology/Technician

Course Code	Course Title	Credential	Credential Provider
	Outdoor Power Equipment Technician Certification		Equipment & Engine Training Council
	S/P2 Safety & Pollution Prevention	S/P2	
	S/P2 Automotive	S/P2	
	Certified Safety Inspector Cat I	PA	Department of Transportation
	Certified Safety Inspector Cat II	PA	Department of Transportation
	Certified Safety Inspector Cat III	PA	Department of Transportation
	CDL/A	PA	Department of Transportation
	CDL/B	PA	Department of Transportation
	Fork Lift Operator		National Safety Council
	Section 609 Certification for Refrigerant Recycling and Recovery		Mobile Air Conditioning Society Worldwide
	NCCER credentials (various trades)		National Center for Construction Education and Research (NCCER)
	Section 609 Certification for Refrigerant Recycling and Recovery		National Inst. For Automotive Service Excellence
	S/P2 – Heavy Duty	S/P2	

CIP 47.0603 Autobody/Collision & Repair Technology/Technician

Course Code	Course Title	Credential	Credential Provider
		AYES Certificate	Automotive Youth Educational Systems (AYES)
	Automotive Service Excellence (ASE)		National Automotive Technicians Education Foundation
	Certified Emissions Inspector		PA Department of Transportation
	Certified Safety Inspector Cat I		PA Department of Transportation
	Certified Safety Inspector Cat II		PA Department of Transportation
	S/P2 Safety & Pollution Prevention		S/P2
	S/P2 Automotive		S/P2
	I-CAR, various levels		I-CAR
	Vehicle Constructions Material Types		I-CAR
	Intro to Tools, Equipment and Attachment Methods Part 2		I-CAR
	Intro to Vehicle Parts Terminology Part 1		I-CAR
	Bolted-On Exterior Panels Part 1		I-CAR
	Hazardous Material Storage and Disposal		I-CAR

Course Code	Course Title	Credential	Credential Provider
	Intro to Vehicle Construction Materials	I-CAR	
	Intro to Safety Systems	I-CAR	
	Intro to Mechanical Repair Terms and Vehicle Protection	I-CAR	
	Intro to Mechanical Systems Terminology Part 2	I-CAR	
	Intro to Tools, Equipment and Attachment Methods Part 1	I-CAR	
	Intro to Vehicle Parts Terminology Part 2	I-CAR	
	Bolted-On Exterior Panels Part 2	I-CAR	
	Surface Preparation and Masking	I-CAR	
	Removing and Installing Hardware Interior Trim	I-CAR	
	Intro to Refinishing and Corrosion Protection Part 1	I-CAR	
	Intro to Refinishing and Corrosion Protection Part 2	I-CAR	
	Hazardous Airborne Pollutant Reduction	I-CAR	

Course Code	Course Title	Credential	Credential Provider
	Removing and Installing Exterior Trim, Pinstrips and Decals	I-CAR	
	Refinishing Equipment	I-CAR	
	Automotive Lighting	I-CAR	
	Intro to Collision Repair Process Overview	I-CAR	
	Vehicle Technology and Trends 2013	I-CAR	
	Battery Starting and Charging System	AC Delco	
	Electrical State 1 & 2	AC Delco	
	Motor Oil Certification	Valvoline	
	Advanced Alignment Level III	Hunter Engineering Company	
	Section 609 Certification for Refrigerant Recycling and Recovery	National Inst. For Automotive Service Excellence	
	Blue Level Industry Certification	PPG	
	Snap-On	Automotive Scanner Diagnostics	
	Section 609 Certification for Refrigerant Recycling and Recovery	Mobile Air Conditioning Society	

CIP 47.0604 Automobile/Automotive Mechanics Technology/Technician

Course Code	Course Title	Credential	Credential Provider
		AYES Certificate	Automotive Youth Educational Systems (AYES)
	Outdoor Power Equipment Technician Certification		Equipment & Engine Training Council
	Section 609 Certification for Refrigerant Recycling and Recovery		Mobile Air Conditioning Society Worldwide
	Section 609 Certification for Refrigerant Recycling and Recovery		National Institute for Automotive Service Excellence
	Certified Emissions Inspector		PA Department of Transportation
	Certified Safety Inspector Cat I		PA Department of Transportation
	Certified Safety Inspector Cat II		PA Department of Transportation
	Certified Safety Inspector Cat III		PA Department of Transportation
	S/P2 Safety & Pollution Prevention		S/P2
	S/P2 Automotive		S/P2
	Electrical State 1 & 2		AC Delco
	Battery Starting and Charging System		AC Delco
	Motor Oil Certification		Valvoline

Course Code	Course Title	Credential	Credential Provider
		NC3 Electronics/Electrical Certification	National Coalition of Certification Centers
		IPC-A-610 Certification	ICP-Association Connecting Electronics
		IPC-J-STD-001 Certification	ICP-Association Connecting Electronics
		Advanced Alignment Level III	Hunter Engineering Company
		Snap-On	Automotive Scanner Diagnostics
		Automotive Service Excellence (ASE)	National Automotive Technicians Education Foundation
		Lifting It Right	Automotive Lift Institute
		Meter Certification	Snap On
		CAIS Certification	ALLDATA

CIP 47.0613 Medium/Heavy Vehicle & Truck Technology/Technician

Course Code	Course Title	Credential	Credential Provider
		AYES Certificate	Automotive Youth Educational Systems (AYES)
		Outdoor Power Equipment Technician Certification	Equipment & Engine Training Council
		Get Ahead	Daimler Trucks North America

Course Code	Course Title	Credential	Credential Provider
		Section 609 Certification for Refrigerant Recycling and Recovery	Mobile Air Conditioning Society Worldwide
		Automotive Service Excellence (ASE)	National Automotive Technicians Education Foundation
		Certified Emissions Inspector	PA Department of Transportation
		Certified Safety Inspector Cat I	PA Department of Transportation
		Certified Safety Inspector Cat III	PA Department of Transportation
		S/P2 Automotive	S/P2
		S/P2 Safety & Pollution Prevention	S/P2
		Heavy Duty	S/P2
		Section 609 Certification for Refrigerant Recycling and Recovery	National Institute for Automobile Service Excellence

CIP 47.0699 Vehicle Maintenance & Repair Technologies, Other

Course Code	Course Title	Credential	Credential Provider
		Outdoor Power Equipment Technician Certification	Equipment & Engine Training Council
		Automotive Service Excellence (ASE)	National Automotive Technicians Education Foundation
		Certified Emissions Inspector	PA Department of Transportation

Course Code	Course Title	Credential	Credential Provider
		Certified Safety Inspector Cat I	PA Department of Transportation
		Certified Safety Inspector Cat II	PA Department of Transportation
		Certified Safety Inspector Cat III	PA Department of Transportation
		S/P2 Safety & Pollution Prevention	S/P2
		S/P2 Automotive	S/P2
		Section 609 Certification for Refrigerant Recycling and Recovery	Mobile Air Conditioning Society Worldwide
		Section 609 Certification for Refrigerant Recycling and Recovery	National Institute for Automotive Service Excellence
		Master Service Technician	Briggs and Stratton Corporation
		Honda Engines	Honda Engines
		STIHL MasterWrench Service Technician-Bronze	STIHL

CIP 49.0202 Construction/Heavy Equipment/Earthmoving Equipment Operation

Course Code	Course Title	Credential	Credential Provider
		Outdoor Power Equipment Technician Certification	Equipment & Engine Training Council
		Certified Safety Inspector Cat I	PA Department of Transportation

Course Code	Course Title	Credential	Credential Provider
		Certified Safety Inspector Cat II	PA Department of Transportation
		Certified Safety Inspector Cat III	PA Department of Transportation
		CDL/A	PA Department of Transportation
		CDL/B	PA Department of Transportation
		Section 609 Certification for Refrigerant Recycling and Recovery	Mobile Air Conditioning Society Worldwide
		S/P2 Automotive	S/P2
		Section 609 Certification for Refrigerant Recycling and Recovery	National Institute for Automotive Service Excellence
		Fork Lift Operator	National Safety Council

CIP 52.0203 Logistics, Materials & Supply Chain Management

Course Code	Course Title	Credential	Credential Provider
		Fork Lift Operator	National Safety Council
		Certified Logistics Associate	Manufacturing Skill Standards Council
		Certified Logistics Technician	Manufacturing Skill Standards Council

OTHER CREDENTIALS

This table includes Credentials that may be applicable to multiple career and technical education programs.

Course Code	Course Title	Credential	Credential Provider
All CIPS		OSHA Certification	CareerSafe

PROCESS FOR REQUESTING NEW INDUSTRY CREDENTIALS

1. Submit application by November 30 to:

Beth Marshall
Pennsylvania Department of Education
Bureau of Career and Technical Education
333 Market Street, 11th Floor, Harrisburg, PA 17126-0333

2. Request is reviewed by director, program specialist and industry credential coordinator. Determination is made whether or not to move forward with the request.
3. If moving forward, the industry credential will be added to the CATS system and placed in the PIMS manual for the following school year.
4. The industry credential will be added to the Industry Credential Resource Book.

Questions? Please contact Beth Marshall (717) 783-6860 or betmarshal@pa.gov

APPLICATION FOR INDUSTRY CREDENTIALS

Name: [Click here to enter text.](#)

Institution: [Click here to enter text.](#)

Phone: [Click here to enter text.](#)

Email: [Click here to enter text.](#)

Name of Industry Credential: [Click here to enter text.](#)

Check one of the following:

☐ Government Based

☐ Industry Based

☐ Product Based

Check one of the following:

☐ State Association

☐ National Association

☐ State Licensure

Check all that apply:

☐ Product defines the industry

☐ Can be earned at the secondary level

Classification of Instructional Program (CIP) aligned to the industry credential:

[Click here to enter text.](#)

Description of industry credential:

[Click here to enter text.](#)

Website address for industry credential (please link to the credential, not a general page):

[Click here to enter text.](#)

Attach current Occupational Advisory Committee meeting minutes **verifying in detail** that the requested industry credential is **necessary** to obtain employment or advance within an occupation.

Signature of Director

Date

All applications are due November 30 for the following academic year.