INDUSTRY-RECOGNIZED CERTIFICATIONS FOR CAREER AND TECHNICAL EDUCATION PROGRAMS:
A Resource Guide for Pennsylvania's Career and Technology Centers

January 2013

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
333 Market Street
Harrisburg, PA 17126-0333
www.education.state.pa.us

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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 certifications for career and technical programs in Pennsylvania's career clusters.

The resource guide is designed to assist schools with the process of identifying organizations that provide industry-recognized certifications. The guide is organized by career cluster. On Page 56 is an additional table that contains certifications that may be applicable to multiple clusters or programs.

Within each cluster listed in this resource guide, programs appear in CIP Code order with information about the accompanying certification(s). Most importantly, each certification description includes a link to the issuing organization's website. The websites provide more detailed information about the certifications, including cost, available resources, and certification requirements.

With the assistance of BCTE Program Specialists and educators throughout Pennsylvania, we have identified a comprehensive list of industry-recognized certifications. The resource guide is updated annually and is available on the BCTE website (http://www.education.state.pa.us/portal/server.pt/community/bureau_of_career__technical_education/7334). General comments or questions about the resource guide should be directed to Cynthia Gross (717-772-4864) or cygross@pa.gov. Comments or questions regarding program-specific certifications should be directed to the Program Specialists:

Program Specialist	**Career Cluster**	**Email Contact**
Esther Brown Health Care	Health Science Law, Public Safety & Security Science, Technology, Engineering & Mathematics	ebrown@pa.gov
Vacant Business & Marketing	Business Management and Administration Marketing Sales and Services Arts, A/V Technology, and Communication Information Technology Finance	(717) 787-8804
Vacant Family & Consumer Sciences	Hospitality and Tourism Human Services	(717) 787-8804
Vacant Trade & Industry	Architecture and Construction Manufacturing Transportation, Distribution, and Logistics	(717) 787-8804
Chris Weller Agriculture	Agriculture, Food, and Natural Resources Government and Public Administration Education and Training	cweller@pa.gov

AGRICULTURE, FOOD & NATURAL RESOURCES

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
01.0000	Agriculture, General	Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association
		Youth Pork Quality Assurance Program	Provides an opportunity for students, ages 8-18, to participate in a nationwide program that emphasizes producing safe, wholesome and nutritious pork. http://www.pork.org/Producers/YPQAP.aspx?c=FAQ	National Pork Board
		Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Instructor, Trail Guide, Disabilities, Equine Facility Manager, & Seasonal Equestrian Staff Certifications	CHA offers instructor and trail guide certification and publishes industry standards for group riding programs. http://cha-ahse.org/store/pages/30/Certifications.html	Certified Horsemanship Association
		Pennsylvania Beef Quality Assurance Certification	The Beef Quality Assurance program ensures that beef and dairy cattle are maintained in a manner, which will result in a safe and wholesome beef product for the consumer. http://www.pa-bqa.org/Content/Training.aspx	Pennsylvania Beef Quality Assurance
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.edu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		ServSafe/ Manager Food Safety Certification	This national certification is approved by the PA Dept. of Agriculture to meet the requirements of The Food Employee Certification Act which requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.servsafe.com	National Restaurant Association
01.0105	Agricultural/Farm Supplies Retailing & Wholesaling	Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.edu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
01.0201	Agricultural Mechanization, General	Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Outdoor Power Equipment Technician Certification	Certifies technical proficiency of technicians in the power equipment industry. http://www.eetc.org/accreditation/	Equipment & Engine Training Council
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Youth Pork Quality Assurance Program	Provides an opportunity for students, ages 8-18, to participate in a nationwide program that emphasizes producing safe, wholesome and nutritious pork. http://www.pork.org/Producers/YPQAP.aspx?c=FAQ	National Pork Board
		Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
01.0301	Agricultural Production Operations, General	Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Youth Pork Quality Assurance Program	Provides an opportunity for students, ages 8-18, to participate in a nationwide program that emphasizes producing safe, wholesome and nutritious pork. http://www.pork.org/Producers/YPQAP.aspx?c=FAQ	National Pork Board
		Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		Instructor, Trail Guide, Disabilities, Equine Facility Manager, & Seasonal Equestrian Staff Certifications	CHA offers instructor and trail guide certification and publishes industry standards for group riding programs. http://cha-ahse.org/store/pages/30/Certifications.html	Certified Horsemanship Association
		AI Training	Artificial Insemination training is offered on Pennsylvania farms by contacting dspeicher@crinet.com. http://genex.crinet.com/page48/AITraining	Genex Cooperative, Inc.
		Pennsylvania Beef Quality Assurance Certification	The Beef Quality Assurance program ensures that beef and dairy cattle are maintained in a manner, which will result in a safe and wholesome beef product for the consumer. http://www.pa-bqa.org/Content/Training.aspx	Pennsylvania Beef Quality Assurance

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
01.0401	Agricultural & Food Products Processing	Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association
		Youth Pork Quality Assurance Program	Provides an opportunity for students, ages 8-18, to participate in a nationwide program that emphasizes producing safe, wholesome and nutritious pork. http://www.pork.org/Producers/YPQAP.aspx?c=FAQ	National Pork Board
		Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		ServSafe/ Manager Food Safety Certification	This national certification is approved by the PA Dept. of Agriculture to meet the requirements of The Food Employee Certification Act which requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.servsafe.com	National Restaurant Association
01.0601	Applied Horticulture/Horticultural Operations, General	Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association
		Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		ISA Certified Tree Worker/ Climber Specialist	Professional certification in several areas of arboriculture. http://www.isa-arbor.com/certification/certification.aspx	International Society of Arboriculture

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		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
01.0901	Animal Science, General	Instructor, Trail Guide, Disabilities, Equine Facility Manager, & Seasonal Equestrian Staff Certifications	CHA offers instructor and trail guide certification and publishes industry standards for group riding programs. http://cha-ahse.org/store/pages/30/Certifications.html	Certified Horsemanship Association
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)

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		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		Youth Pork Quality Assurance Program	Provides an opportunity for students, ages 8-18, to participate in a nationwide program that emphasizes producing safe, wholesome and nutritious pork. http://www.pork.org/Producers/YPQAP.aspx?c=FAQ	National Pork Board
		Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Pennsylvania Beef Quality Assurance Certification	The Beef Quality Assurance program ensures that beef and dairy cattle are maintained in a manner, which will result in a safe and wholesome beef product for the consumer. http://www.pa-bqa.org/Content/Training.aspx	Pennsylvania Beef Quality Assurance
01.9999	Agriculture, Agriculture Operations & Related Sciences, Other	Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association
		Youth Pork Quality Assurance Program	Provides an opportunity for students, ages 8-18, to participate in a nationwide program that emphasizes producing safe, wholesome and nutritious pork. http://www.pork.org/Producers/YPQAP.aspx?c=FAQ	National Pork Board

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		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
03.0299	Natural Resources Management & Policy, Other	Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association
		Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		ISA Certified Tree Worker/ Climber Specialist	Professional certification in several areas of arboriculture. http://www.isa-arbor.com/certification/certification.aspx	International Society of Arboriculture
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Basic Wildland Firefighter/ PA-130	Emphasizes safety, basic skills, and teamwork in preparing individual wildland firefighters to work together as an effective firefighting unit. http://www.osfc.state.pa.us/portal/server.pt/community/state_fire_academy/9282	Pennsylvania State Fire Academy
03.0511	Forestry Technology/Technician	Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		ISA Certified Tree Worker/ Climber Specialist	Professional certification in several areas of arboriculture. http://www.isa-arbor.com/certification/certification.aspx	International Society of Arboriculture
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.eduu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Basic Wildland Firefighter/ PA-130	Emphasizes safety, basic skills, and teamwork in preparing individual wildland firefighters to work together as an effective firefighting unit. http://www.osfc.state.pa.us/portal/server.pt/community/state_fire_academy/9282	Pennsylvania State Fire Academy
03.0599	Forestry, Other	Pennsylvania Pesticide Applicator Certification	Certifies Commercial and Public Applicators and Private Applicators. http://www.pested.psu.edu/applicators/certification/cert_brochure	Pennsylvania Department of Agriculture

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Pennsylvania Certified Horticulturist (PCH), Certified Landscape Technician (CLT)	Tests the knowledge of horticulture and landscape professionals. Provides professional credibility. http://www.plna.com/content.asp?pl=35&sl=127&contentid=127	Pennsylvania Landscape & Nursery Association
		Pennsylvania Nutrient Management Certification	Certifies specialists to prepare and/or review nutrient management plans to determine compliance with the requirements of Act 6. http://panutrientmgmt.cas.psu.edu/	Pennsylvania Department of Agriculture
		Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE)	Certifies environmentally safe agricultural practices among livestock and poultry producers. http://dasweb.psu.edu/pdf/peacce.pdf	The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors
		ISA Certified Tree Worker/ Climber Specialist	Professional certification in several areas of arboriculture. http://www.isa-arbor.com/certification/certification.aspx	International Society of Arboriculture
		National Safe Tractor and Machinery Operator	All youth, ages 14 and 15, who are seeking employment in the agricultural industry must receive the training as required by the U.S. Department of Labor, with the only exemption for youth working on they're own farm as noted above. When youth become 16 years of age, this law no longer applies to their employment. http://www.nstmop.psu.edu	Hazardous Occupations and Safety Training in Agriculture (HOSTA)
		Basic Wildland Firefighter/ PA-130	Emphasizes safety, basic skills, and teamwork in preparing individual wildland firefighters to work together as an effective firefighting unit. http://www.osfc.state.pa.us/portal/server.pt/community/state_fire_academy/9282	Pennsylvania State Fire Academy

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
15.0903	Petroleum Technology/Technician *			

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

ARCHITECTURE & CONSTRUCTION

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
15.0507	Environmental Engineering Technology/ Environmental Technology*			
15.1303	Architectural Drafting & Architectural CAD/CADD	Certified Drafter	International certification that recognizes a candidate's drafting knowledge. http://www.adda.org/displaycommon.cfm?an=5	American Design Drafting Association
		Autodesk certified user	The Autodesk Certification program gives students the opportunity to validate their knowledge and skills, helping accelerate their entry into the design industry. Secondary and Post-secondary students can earn the same certifications as professionals. http://usa.autodesk.com	Autodesk
46.0101	Mason/Masonry	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/displaycommon.cfm?an=1&subarticlenbr=511	Pennsylvania Builders Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
46.0201	Carpentry/Carpenter	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/displaycommon.cfm?an=1&subarticlenbr=511	Pennsylvania Builders Association
46.0303	Lineworker	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
46.0399	Electrical & Power Transmission Installers, Other	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/displaycommon.cfm?an=1&subarticlenbr=511	Pennsylvania Builders Association
		C-TECH, various certificates	Training is available in various networking specialties. http://www.c-techtraining.com/index.htm	C-TECH
46.0401	Building/Property Maintenance & Manager	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/displaycommon.cfm?an=1&subarticlenbr=511	Pennsylvania Builders Association
		C-TECH, Telecomm. Technology	Training is available in various networking specialties. http://www.c-techtraining.com/index.htm	C-TECH
		Fork Lift Operator	This comprehensive training course for lift truck operators fulfills the OSHA requirement for formal training, practical training and for evaluating the operator. http://www.nsc.org/products_training/Training/workplacesafety/Pages/LiftTruckSafety.aspx	National Safety Council
46.0408	Painting/Painter & Wall Coverer	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
46.0499	Building/Construction Finishing, Management & Inspection, Other	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
46.0503	Plumbing Technology/ Plumber	Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
		NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/displaycommon.cfm?an=1&subarticlenbr=511	Pennsylvania Builders Association
		EPA 608 certification	The Industry Competency Exams measure industry-agreed standards of basic competency for entry-level technicians. http://www.ahrinet.org/order_take+industry+competency+exams.aspx	Air Conditioning and Refrigeration Institute
46.0504	Well Drilling/ Driller *			

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
46.9999	Construction Trades, Other	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/displaycommon.cfm?an=1&subarticlenbr=511	Pennsylvania Builders Association
		Fork Lift Operator	This comprehensive training course for lift truck operators fulfills the OSHA requirement for formal training, practical training and for evaluating the operator. http://www.nsc.org/products_training/Training/workplacesafety/Pages/LiftTruckSafety.aspx	National Safety Council
47.0201	Heating, Air Conditioning, Ventilation & Refrigeration Maintenance Technology/Technician (HAC, HACR, HVAC, HVACR)	Industry Competency Exams (ICE) (Residential Air Conditioning and Heating, Light Commercial Air Conditioning and Heating, Commercial Refrigeration, EPA 608 Certification)	The Industry Competency Exams measure industry-agreed standards of basic competency for entry-level technicians. http://www.ahrinet.org/order_take+industry+competency+exams.aspx	Air Conditioning and Refrigeration Institute

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Student Outcome Assessment	Certifies a technician's skill level based on nationally recognized standards. http://www.hvacexcellence.org/Default.aspx	HVAC Excellence
		NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
		PBA Skills Certificate	The PBA Skills Certificate is based on national skills standards for each of its endorsed trade programs. http://www.pabuilders.org/index.cfm	Pennsylvania Builders Association
		RSES Student Technician	The RSES Technical Institute consists of six levels of HVAC/R technician competency, including student certification. http://www.rses.org/	Refrigeration Service Engineers Society (RSES)
		NATE Certification (various certification exams)	Certification program for technicians in the heating, ventilation, air-conditioning, and refrigeration (HVAC/R) industry. http://www.natex.org/	North American Technician Excellence (NATE)
		Residential Construction Academy (RCA) National Registry	The RCA, in partnership with Delmar/Thomson Learning, brings together industry know-how with cutting-edge training materials, including textbooks, videos, and CD-ROMS based on industry standards developed by the nation's builders, remodelers, and educators. http://www.hbi.org/Resources/TextbooksInstructionalAids/ResidentialConstructionAcademySeries.aspx	Home Builders Institute
		EPA 608, Indoor Air Quality	The United States Environmental Protection Agency (EPA) requires that all persons handling refrigerants be certified. Mainstream is certified by the EPA to provide such certification. http://www.epatest.com/	Mainstream Engineering

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
10.0303	Prepress/Desktop Publishing & Digital Imaging Design	Adobe Certified Associate, ACA, various certificates	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
10.0399	Graphic Communications, Other	Adobe Certified Associate, ACA, various certificates	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
10.9999	Comm Techs & Support Srvc, Other	Adobe Certified Associate, ACA, various certificates	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
		Final Cut Pro	Final Cut Pro is a professional editing software application used in the entertainment and news industry. http://www.apple.com/finalcutstudio	Apple, Inc.
50.0301	Dance, General*			
50.0402	Commercial & Advertising Art	Adobe Certified Associate, ACA, various certificates	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
50.0406	Commercial Photography	Autodesk certified user	The Autodesk Certification program gives students the opportunity to validate their knowledge and skills, helping accelerate their entry into the design industry. Secondary and Post-secondary students can earn the same certifications as professionals. http://usa.autodesk.com	Autodesk
		Adobe Certified Associate, Video Comm.	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
50.0602	Cinematography & Film/Video Production	Final Cut Pro	Final Cut Pro is a professional editing software application used in the entertainment and news industry. http://www.apple.com/finalcutstudio	Apple, Inc.
		Autodesk certified user	The Autodesk Certification program gives students the opportunity to validate their knowledge and skills, helping accelerate their entry into the design industry. Secondary and Post-secondary students can earn the same certifications as professionals. http://usa.autodesk.com	Autodesk
		Adobe Certified Associate, Video Comm.	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
50.9999	Visual & Performing Arts, Other*			

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

BUSINESS, MANAGEMENT & ADMINISTRATION

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
52.0302	Accounting Technology/Technician & Bookkeeping	Microsoft Office Specialist (MOS)/Microsoft Office Master	The premier certification for validating desktop skills with Microsoft® Office programs. This certification provides a globally recognized credential for individuals seeking to advance their careers. Expert-level certification available in Word and Excel. http://www.certiport.com/PORTAL/desktopdefault.aspx?tabid=664&roleid=101	Certiport
52.0401	Administrative Assistant & Secretarial Science, General	Microsoft Office Specialist (MOS)/Microsoft Office Master	The premier certification for validating desktop skills with Microsoft® Office programs. This certification provides a globally recognized credential for individuals seeking to advance their careers. Expert-level certification available in Word and Excel. http://www.certiport.com/PORTAL/desktopdefault.aspx?tabid=664&roleid=101	Certiport
52.0408	General Office Occupations & Clerical Services	Microsoft Office Specialist (MOS)/Microsoft Office Master	The premier certification for validating desktop skills with Microsoft® Office programs. This certification provides a globally recognized credential for individuals seeking to advance their careers. Expert-level certification available in Word and Excel. http://www.certiport.com/PORTAL/desktopdefault.aspx?tabid=664&roleid=101	Certiport
52.0701	Entrepreneurship/Entrepreneurial Studies*			

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

HEALTH SCIENCE

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
51.0601	Dental Assisting/ Assistant	Radiation Health and Safety (RHS)	Dental assistants in Pennsylvania are now required to pass DANB's Radiation Health and Safety (RHS) exam in order to meet state requirements to perform dental radiological procedures. Recognized by the American Dental Association (ADA) as the national credentialing agency for dental assistants, DANB serves the public good by providing a means of identifying qualified and competent dental assistants. www.danb.org	Dental Assisting National Board
		BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association
51.0707	Health Information/ Medical Records Technology/ Technician	Certified Medical --Billing and Coding Specialist (CBCS), Administrative Assistant (CMAA), Transcriptionist (CMT)	Professional certification. Applicants must be a graduate of a healthcare training program or have one or more years of full time job experience. http://www.nhanow.com	National Healthcareer Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
51.0801	Medical/Clinical Assistant	Certified -- Clinical Medical Assistant (CCMA), EKG/ECG Technician (CET), Nurse Technician (CNT), Patient Care Technician (CPCT)	Professional certification. Applicants must be a graduate of a healthcare training program or have one or more years of full time job experience. http://www.nhanow.com	National Healthcareer Association
		BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association
		Nurse Aide Registry	According to the PA Department of Health, a nurse aide who is not enrolled or in good standing on the registry may not be employed in a nursing care facility that receives Medicare or Medicaid reimbursement. www.pearsonvue.com	Pennsylvania Department of Health
		Personal Care Home Direct Care Staff certificate	This credential must be earned prior to direct care staff persons providing unsupervised ADL services. http://www.dpw.state.pa.us/provider/training/personalcarehometraining/directcarestaffpersontrainingCourseandcompetencytest/index.htm	Pennsylvania Department of Public Welfare
51.0802	Clinical/Medical Laboratory Assistant	Certified Medical Laboratory Assistant (CMLA)	Professional certification. Applicants must be a graduate of a healthcare training program or have one or more years of full time job experience. http://www.nhanow.com	National Healthcareer Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
51.0808	Veterinary/Animal Health Technology/ Technician & Veterinary Assistant*			
51.0899	Health/Medical Assisting Services, Other	Certified --Nurse Technician (CNT), Clinical Medical Assistant (CCMA), Phlebotomy Technician (CPT), Patient Care Technician (CPCT), Pharmacy Technician (CPhT), EKG/ECG Technician (CET)	Professional certification. Applicants must be a graduate of a healthcare training program or have one or more years of full time job experience. http://www.nhanow.com	National Healthcareer Association
		Nurse Aide Registry	According to the PA Department of Health, a nurse aide who is not enrolled or in good standing on the registry may not be employed in a nursing care facility that receives Medicare or Medicaid reimbursement. www.pearsonvue.com	Pennsylvania Department of Health
		BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Personal Care Home Direct Care Staff certificate	This credential must be earned prior to direct care staff persons providing unsupervised ADL services. http://www.dpw.state.pa.us/provider/training/personalcarehometraining/directcarestaffpersontrainingCourseandcompetencytest/index.htm	Pennsylvania Department of Public Welfare
51.0904	Emergency Medical Technology/ Technician	Emergency Medical Technician (EMT)	The Department of Health uses the written EMT-Paramedic Examination and the EMT-Paramedic Practical Examination of the National Registry of the National Registry of Emergency Medical Technicians EMT-paramedic examination in this Commonwealth. http://www.portal.state.pa.us/portal/server.pt/community/emergency_medical_services	Pennsylvania Department of Health
		First Responder Program	Certification is awarded based on a candidate's completion of coursework and a passing score on a written and practical skills test. http://www.nhtsa.gov/people/injury/ems/pub/frnsc.pdf	Pennsylvania Department of Health
		Assessment and Treatment of Trauma (ATT)	Assessment and Treatment of Trauma (ATT) is a new international continuing education course from the American Academy of Orthopaedic Surgeons (AAOS) that represents the state-of-the-art in prehospital trauma assessment and management. http://www.attrauma.com/	American Academy of Orthopaedic Surgeons
		Pediatric Emergency Assessment Recognition and Stabilization (PEARS)	Pediatric Emergency Assessment Recognition and Stabilization is designed to prepare healthcare providers and first responders to identify a pediatric victim at risk of severe cardiopulmonary distress, intervene early to stabilize the child, and contact the next level of care as soon as possible. http://aha.channing-bete.com/pears/pears.html	American Heart Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Advanced Cardiac Life Support for EMT (ACLS)	The Advanced Cardiac Life Support course provides the knowledge and skills needed to evaluate and manage the first 10 minutes of an adult ventricular fibrillation/ventricular tachycardia (VF/VT) arrest. http://aha.channing-bete.com/advancedcardiovascularlifesupport-hp/acls-healthcare-provider.html	American Heart Association
		NIMS IS, various series	The IS series of courses meets the requirements specified in the National Incident Management System (NIMS). http://training.fema.gov/IS/NIMS.asp	Emergency Management Institute
51.2602	Home Health Aide/Home Attendant	BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association
		Personal Care Home Direct Care Staff certificate	This credential must be earned prior to direct care staff persons providing unsupervised ADL services. http://www.dpw.state.pa.us/provider/training/personalcarehometraining/directcarestaffpersontrainingCourseandcompetencytest/index.htm	Pennsylvania Department of Public Welfare
51.3902	Nurse Assistant/Aide	Certified --Nurse Technician (CNT), Patient Care Technician (CPCT)	Professional certification. Applicants must be a graduate of a healthcare training program or have one or more years of full time job experience. http://www.nhanow.com	National Healthcareer Association
		Nurse Aide Registry	According to the PA Department of Health, a nurse aide who is not enrolled or in good standing on the registry may not be employed in a nursing care facility that receives Medicare or Medicaid reimbursement. www.pearsonvue.com	Pennsylvania Department of Health

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association
		Personal Care Home Direct Care Staff certificate	This credential must be earned prior to direct care staff persons providing unsupervised ADL services. http://www.dpw.state.pa.us/provider/training/personalcarehometraining/directcarestaffpersontrainingCourseandcompetencytest/index.htm	Pennsylvania Department of Public Welfare
51.9999	Health Professions & Related Clinical Sciences, Other	Certified -- Nurse Technician (CNT), Pharmacy Technician (CPhT), EKG/ECG Technician (CET), Phlebotomy Technician (CPT)	Professional certification. Applicants must be a graduate of a healthcare training program or have one or more years of full time job experience. http://www.nhanow.com	National Healthcareer Association
		Nurse Aide Registry	According to the PA Department of Health, a nurse aide who is not enrolled or in good standing on the registry may not be employed in a nursing care facility that receives Medicare or Medicaid reimbursement. www.pearsonvue.com	Pennsylvania Department of Health

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association
		Personal Care Home Direct Care Staff certificate	This credential must be earned prior to direct care staff persons providing unsupervised ADL services. http://www.dpw.state.pa.us/provider/training/personalcarehometraining/directcarestaffpersontrainingCourseandcompetencytest/index.htm	Pennsylvania Department of Public Welfare

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

HOSPITALITY & TOURISM

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
12.0501	Baking & Pastry Arts/Baker/ Pastry Chef	Certified --Junior Culinarian (CJC), Culinarian (CC), Pastry Culinarian (CPC)	Certification at various levels for culinary professions. http://www.acfchefs.org/certify/crt.html	American Culinary Federation
		ServSafe/ Manager Food Safety Certification	This national certification is approved by the PA Dept. of Agriculture to meet the requirements of The Food Employee Certification Act which requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.servsafe.com	National Restaurant Association
12.0506	Meat Cutting/Meat Cutter	ServSafe/ Manager Food Safety Certification	This national certification is approved by the PA Dept. of Agriculture to meet the requirements of The Food Employee Certification Act which requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.servsafe.com	National Restaurant Association
12.0508	Institutional Food Workers	Certified -- Junior Culinarian (CJC), Culinarian (CC), Pastry Culinarian (CPC)	Certification at various levels for culinary professions. http://www.acfchefs.org/certify/crt.html	American Culinary Federation
		ServSafe/ Manager Food Safety Certification	This national certification is approved by the PA Dept. of Agriculture to meet the requirements of The Food Employee Certification Act which requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.servsafe.com	National Restaurant Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Certified Rooms Division Specialist (CRDS)	Students successfully completing each year of the Lodging Management Program receive a Certificate of Completion for both Year 1 and Year 2. Additionally, students completing both years have the eligibility to receive the certification. http://www.ahlei.org/content.aspx?id=29346	American Hotel & Lodging Association
52.1905	Tourism & Travel Services Marketing Operations	Certified Rooms Division Specialist (CRDS)	Students successfully completing each year of the Lodging Management Program receive a Certificate of Completion for both Year 1 and Year 2. Additionally, students completing both years have the eligibility to receive the certification. http://www.ahlei.org/content.aspx?id=29346	American Hotel & Lodging Association
		ServSafe/ Manager Food Safety Certification	This national certification is approved by the PA Dept. of Agriculture to meet the requirements of The Food Employee Certification Act which requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.servsafe.com	National Restaurant Association

HUMAN SERVICES

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
12.0401	Cosmetology/ Cosmetologist, General	Esthetician, Manicurist, Cosmetologist (License)	The State Board of Cosmetology regulates the practice and licensure of cosmeticians; manicurists; cosmetologists and teachers of cosmetology; and cosmetology shops (salons) and schools in the Commonwealth of Pennsylvania. http://www.dos.state.pa.us/bpoa/cwp/view.asp?a=1104&q=432561	Pennsylvania Department of State, State Board of Cosmetology
12.0402	Barbering/Barber	Barber (License)	The State Board of Barber Examiners regulates the licensure and practice of the barbering profession in the Commonwealth of Pennsylvania. The Board has jurisdiction over the procedures for obtaining a license to become a barber, manager-barber or barber-teacher. http://www.dos.state.pa.us/bpoa/cwp/view.asp?a=1104&q=42505	Pennsylvania Department of State, State Board of Barber Examiners
19.0101	Family & Consumer Sciences/Human Sciences, General*			
19.0699	Housing & Human Environments, Other*			
19.0702	Adult Development & Aging*			
19.0708	Child Care & Support Services Management	CDA-Ready, certificate	To recognize students who have met academic and experiential requirements, the BCTE is issuing CDA-Ready Certificates. http://websites.pdesas.org/jekelleher/2009/11/23/626/page.aspx	PDE/BCTE
		Child Development Associate (CDA)	National credentialing program that provides performance-based training, assessment, and credentialing of child care staff, home visitors, and family childcare providers. http://www.cdacouncil.org/announcements-and-events/156-hs-programs-now-eligible	Council for Professional Recognition
19.0799	Human Development, Family Studies & Related Services, Other*			

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
19.9999	Family & Consumer Sciences/Human Sciences, Other*			
32.0105	Job Seeking/ Changing Skills*			

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

INFORMATION TECHNOLOGY

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
09.0702	Digital Communications & Media/Multimedia	Adobe Certified Associate, ACA, various certificates	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
		Certified Internet Web Professional (CIW), various certifications	CIW provides standards-based, industry- and state-endorsed Web technology courseware and certification exams to complement schools' Web and IT programs. The core curriculum focuses on the foundational standards of the Web, including Web design, Web development and Web security. http://www.ciwcertified.com/About_CIW/index.php	Certification Partners
11.0201	Computer Programming/ Programmer, General	Cisco Certified - Network Associate (CCNA), Entry Networking Technician (CCENT), Design Associate (CCDA)	Three levels of general certification, which is available in various paths such as Routing and Switching, Network Security, and Service Provider. Certifications are also available in focused areas. http://www.cisco.com/en/US/learning/le3/learning_career_certifications_and_learning_paths_home.html	Cisco
		A+, Network+, Server+, Security+	Recognized industry standards for foundation-level information technology (IT) skills http://www.comptia.org/trainingandeducation/default.aspx	Computing Technology Industry Association (CompTIA)
		Microsoft Certified Professional (MCP)	Certification is awarded to a candidate who passes one current Microsoft certification exam from several available tracks. http://www.microsoft.com/learning/mcp/mcp/requirements.asp	Microsoft

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Certified Novell Administrator (CNA)	Novell encourages candidates for the Certified Novel Administrator to possess a fundamental understanding of networking. http://www.novell.com/training/certinfo/cna/index.html	Novell
		Oracle Certification (path based on product)	The Oracle Certification Program begins with the Associate level and includes several certification paths. http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=39	Oracle
11.0801	Web Page, Digital/Multimedia & Information Resources Design	Certified Web Professional (Various Certification Titles)	Web certifications are available at Apprentice, Associate, and Professional levels. http://www.joinwow.org/certification/	World Association of Webmasters (WOW)
		Adobe Certified Associate, ACA, various certificates	Adobe Certified Associate is a certification program for those seeking employment that requires demonstrating the ability to use digital media needed to plan, design, build, and maintain effective communications. www.certiport.com/adobe	Certiport
		Certified Internet Web Professional (CIW), various certifications	CIW provides standards-based, industry- and state-endorsed Web technology courseware and certification exams to complement schools' Web and IT programs. The core curriculum focuses on the foundational standards of the Web, including Web design, Web development and Web security. http://www.ciwcertified.com/About_CIW/index.php	Certification Partners
11.0901	Computer Systems Networking & Telecommunications	Cisco Certified - Network Associate (CCNA), Entry Networking Technician (CCENT)	Three levels of general certification, which is available in various paths such as Routing and Switching, Network Security, and Service Provider. Certifications are also available in focused areas. http://www.cisco.com/en/US/learning/le3/learning_career_certifications_and_learning_paths_home.html	Cisco

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		A+, STRATA, Network+, Server+, Security+	Recognized industry standards for foundation-level information technology (IT) skills http://www.comptia.org/trainingandeducation/default.aspx	Computing Technology Industry Association (CompTIA)
		Microsoft Certified Professional (MCP)	Certification is awarded to a candidate who passes one current Microsoft certification exam from several available tracks. http://www.microsoft.com/learning/mcp/mcp/requirements.asp	Microsoft
		Certified Novell Administrator (CNA)	Novell encourages candidates for the Certified Novel Administrator to possess a fundamental understanding of networking. http://www.novell.com/training/certinfo/cna/index.html	Novell
		Oracle Certification (path based on product)	The Oracle Certification Program begins with the Associate level and includes several certification paths. http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=39	Oracle
		Certified Internet Web Professional (CIW), various certifications	CIW provides standards-based, industry- and state-endorsed Web technology courseware and certification exams to complement schools' Web and IT programs. The core curriculum focuses on the foundational standards of the Web, including Web design, Web development and Web security. http://www.ciwcertified.com/About_CIW/index.php	Certification Partners
		Microsoft Technology Associate (MTA), various certifications	Microsoft Technology Associate (MTA) certification—Microsoft's new entry-level credential that validates fundamental technology knowledge among students seeking to build a career in technology. http://www.certiport.com/Portal/desktopdefault.aspx?page=common/pagelibrary/MTA_overview.html	Certiport
15.0305	Telecommunications Technology/ Technician*			

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
15.1202	Computer Technology/ Computer Systems Technology	Cisco Certified - Network Associate (CCNA), Entry Networking Technician (CCENT)	Three levels of general certification, which is available in various paths such as Routing and Switching, Network Security, and Service Provider. Certifications are also available in focused areas. http://www.cisco.com/en/US/learning/le3/learning_career_certifications_and_learning_paths_home.html	Cisco
		A+, STRATA, Network+, Server+, Security+	Recognized industry standards for foundation-level information technology (IT) skills http://www.comptia.org/trainingandeducation/default.aspx	Computing Technology Industry Association (CompTIA)
		Microsoft Certified Professional (MCP)	Certification is awarded to a candidate who passes one current Microsoft certification exam from several available tracks. http://www.microsoft.com/learning/mcp/mcp/requirements.asp	Microsoft
		Certified Novell Administrator (CNA)	Novell encourages candidates for the Certified Novel Administrator to possess a fundamental understanding of networking. http://www.novell.com/training/certinfo/cna/index.html	Novell
		Oracle Certification (path based on product)	The Oracle Certification Program begins with the Associate level and includes several certification paths. http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=39	Oracle
		Microsoft Technology Associate (MTA), various certifications	Microsoft Technology Associate (MTA) certification—Microsoft's new entry-level credential that validates fundamental technology knowledge among students seeking to build a career in technology. http://www.certiport.com/Portal/desktopdefault.aspx?page=common/pagelibrary/MTA_overview.html	Certiport

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
52.1201	Management Information Systems, General	Cisco Certified - Network Associate (CCNA), Entry Networking Technician (CCENT)	Three levels of general certification, which is available in various paths such as Routing and Switching, Network Security, and Service Provider. Certifications are also available in focused areas. http://www.cisco.com/en/US/learning/le3/learning_career_certifications_and_learning_paths_home.html	Cisco
		A+, Network+, Server+, Security+	Recognized industry standards for foundation-level information technology (IT) skills http://www.comptia.org/trainingandeducation/default.aspx	Computing Technology Industry Association (CompTIA)
		Microsoft Certified Professional (MCP)	Certification is awarded to a candidate who passes one current Microsoft certification exam from several available tracks. http://www.microsoft.com/learning/mcp/mcp/requirements.asp	Microsoft
		Certified Novell Administrator (CNA)	Novell encourages candidates for the Certified Novel Administrator to possess a fundamental understanding of networking. http://www.novell.com/training/certinfo/cna/index.html	Novell
		Oracle Certification (path based on product)	The Oracle Certification Program begins with the Associate level and includes several certification paths. http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=39	Oracle
99.9999	Vocational-Technical Education, Other*			

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

LAW, PUBLIC SAFETY & SECURITY

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
43.0107	Criminal Justice/ Police Science	Firefighter I and II and various professional certifications	Certification of a candidate's knowledge and skills according to nationally recognized standards. http://www.portal.state.pa.us/portal/server.pt/community/certification/11302/certification_levels_presently_offered/563966	Pennsylvania State Fire Academy
		Emergency Telecommuni-cator (ETC)	Certification is awarded following the completion of the 40 hour course and a passing score on a written examination. http://www.emergencydispatch.org/	The National Academies of Emergency Dispatch
		Public Safety Telecommunicat or, 1 (PST1)	Students successfully passing the final exam receive certification. http://apcointl.org/training-and-certification	APCO Institute
		MEB, MOAB, MDTS, OCAT, PATH certifications	Certifications provide for professional training in the use of handcuffs, Oleoresin Capsicum aerosol spray, batons, etc. http://ppcitraining.com/main.php	Personal Protection Consultants, Inc.
		First Responder	Certification is awarded based on a candidate's completion of coursework and a passing score on a written and practical skills test. http://www.nhtsa.gov/people/injury/ems/pub/frnsc.pdf	Pennsylvania Department of Health
		Emergency Medical Technician (EMT)	The Department of Health uses the written and practical EMT-Paramedic Examinations. http://www.portal.state.pa.us/portal/server.pt/community/emergency_medical_services/14138	Pennsylvania Department of Health
		Certified Protection Officer, CPO	The CPO course was created to provide current, useful, consolidated security training that provides vital need to know information for Protection Officers throughout the Security Industry. http://www.ifpo.org/products/cpo.html	International Foundation for Protection Officers
		NIMS IS, various series	The IS series of courses meets the requirements specified in the National Incident Management System (NIMS). http://training.fema.gov/IS/NIMS.asp	Emergency Management Institute

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
43.0109	Security & Loss Prevention Services	Firefighter I and II and various professional certifications	Certification of a candidate's knowledge and skills according to nationally recognized standards. http://www.portal.state.pa.us/portal/server.pt/community/certification/11302/certification_levels_presently_offered/563966	Pennsylvania State Fire Academy
		Emergency Telecommuni-cator (ETC)	Certification is awarded following the completion of the 40 hour course and a passing score on a written examination. http://www.emergencydispatch.org/	The National Academies of Emergency Dispatch
		Public Safety Telecommunicator, 1 (PST1)	Students successfully passing the final exam receive certification. http://apcointl.org/training-and-certification	APCO Institute
		MEB, MOAB, MDTS, OCAT, PATH certifications	Certifications provide for professional training in the use of handcuffs, Oleoresin Capsicum aerosol spray, batons, etc. http://ppcitraining.com/main.php	Personal Protection Consultants, Inc.
		First Responder	Certification is awarded based on a candidate's completion of coursework and a passing score on a written and practical skills test. http://www.nhtsa.gov/people/injury/ems/pub/frnsc.pdf	Pennsylvania Department of Health
		Certified Protection Officer, CPO	The CPO course was created to provide current, useful, consolidated security training that provides vital need to know information for Protection Officers throughout the Security Industry. http://www.ifpo.org/products/cpo.html	International Foundation for Protection Officers
		NIMS IS, various series	The IS series of courses meets the requirements specified in the National Incident Management System (NIMS). http://training.fema.gov/IS/NIMS.asp	Emergency Management Institute
43.0203	Fire Science/ Fire-Fighting	Firefighter I and II and various professional certifications	Certification of a candidate's knowledge and skills according to nationally recognized standards. http://www.portal.state.pa.us/portal/server.pt/community/certification/11302/certification_levels_presently_offered/563966	Pennsylvania State Fire Academy
		First Responder	Certification is awarded based on a candidate's completion of coursework and a passing score on a written and practical skills test. http://www.nhtsa.gov/people/injury/ems/pub/frnsc.pdf	Pennsylvania Department of Health

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Emergency Medical Technician (EMT)	The Department of Health uses the written and practical EMT-Paramedic Examinations. http://www.portal.state.pa.us/portal/server.pt/community/emergency_medical_services/14138	Pennsylvania Department of Health
		NIMS IS, various series	The IS series of courses meets the requirements specified in the National Incident Management System (NIMS). http://training.fema.gov/IS/NIMS.asp	Emergency Management Institute
43.9999	Homeland Security, Law Enforcement, Firefighting & Protective Services	Firefighter I and II and various professional certifications	Certification of a candidate's knowledge and skills according to nationally recognized standards. http://www.portal.state.pa.us/portal/server.pt/community/certification/11302/certification_levels_presently_offered/563966	Pennsylvania State Fire Academy
		Emergency Telecommunicator (ETC)	Certification is awarded following the completion of the 40 hour course and a passing score on a written examination. http://www.emergencydispatch.org/	The National Academies of Emergency Dispatch
		Public Safety Telecommunicator, 1 (PST1)	Students successfully passing the final exam receive certification. http://apcointl.org/training-and-certification	APCO Institute
		MEB, MOAB, MDTS, OCAT, PATH certifications	Certifications provide for professional training in the use of handcuffs, Oleoresin Capsicum aerosol spray, batons, etc. http://ppcitraining.com/main.php	Personal Protection Consultants, Inc.
		First Responder	Certification is awarded based on a candidate's completion of coursework and a passing score on a written and practical skills test. http://www.nhtsa.gov/people/injury/ems/pub/frnsc.pdf	Pennsylvania Department of Health
		BLS Health-care Provider	The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. http://www.heart.org/HEARTORG/CPRAndECC/BLS-for-Healthcare-Providers---Classroom_UCM_303484_Article.jsp	American Heart Association

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		BLS Health-care Provider, Emergency Medical Technician (EMT)	The Department of Health uses the written EMT-Paramedic Examination and the EMT-Paramedic Practical Examination of the National Registry of the National Registry of Emergency Medical Technicians EMT-paramedic examination in this Commonwealth. http://www.portal.state.pa.us/portal/server.pt/community/emergency_medical_services/14138	Pennsylvania Department of Health
		Certified Protection Officer, CPO	The CPO course was created to provide current, useful, consolidated security training that provides vital need to know information for Protection Officers throughout the Security Industry. http://www.ifpo.org/products/cpo.html	International Foundation for Protection Officers
		NIMS IS, various series	The IS series of courses meets the requirements specified in the National Incident Management System (NIMS). http://training.fema.gov/IS/NIMS.asp	Emergency Management Institute

MANUFACTURING

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
15.0303	Electrical, Electronic & Communications Engineering Technology/Technician	SET, CETa, CSS, EM1-DC & EM2-AC Basics, Customer Service	Professionally recognized certification in the area of electronics equipment service and support. http://www.eta-i.org/	Electronics Technicians Association, International
15.0403	Electromechanical Technology/ Electromechanical Engineering Technology*			
15.0699	Industrial Production Technologies/ Technicians, Other*			
15.1301	Drafting & Design Technology/Technician, General	Certified Drafter	International certification that recognizes a candidate's drafting knowledge. http://www.adda.org/displaycommon.cfm?an=5	American Design Drafting Association
		Autodesk certified user	The Autodesk Certification program gives students the opportunity to validate their knowledge and skills, helping accelerate their entry into the design industry. Secondary and Post-secondary students can earn the same certifications as professionals. http://usa.autodesk.com	Autodesk
15.1304	Civil Drafting & Civil Engineering CAD/CADD	Autodesk certified user	The Autodesk Certification program gives students the opportunity to validate their knowledge and skills, helping accelerate their entry into the design industry. Secondary and Post-secondary students can earn the same certifications as professionals. http://usa.autodesk.com	Autodesk
47.0199	Electrical/Electronics Maintenance & Repair Technology, Other*			
47.0303	Industrial Mechanics & Maintenance Technology*			

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
48.0303	Upholstery/Upholster er*			
48.0501	Machine Tool Technology/Machinis t	Machining Levels I and II, various certificates	Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. https://www.nims-skills.org	National Institute for Metalworking Skills, Inc.
48.0503	Machine Shop Technology/Assistant	Machining Levels I and II, various certificates	Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. https://www.nims-skills.org	National Institute for Metalworking Skills, Inc.
48.0506	Sheet Metal Technology/ Sheetworking*			
48.0507	Tool & Die Technology/ Technician	Machining Levels I and II, various certificates	Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. https://www.nims-skills.org	National Institute for Metalworking Skills, Inc.
48.0508	Welding Technology/ Welder	Certified Welder, various codes	Performance-based certification. http://www.aws.org/w/a/education/sense	American Welding Society
		NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
48.0599	Precision Metal Working, Other	Machining Levels I and II, various certificates	Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. https://www.nims-skills.org	National Institute for Metalworking Skills, Inc.
48.0703	Cabinetmaking & Millwork/ Millwright	NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
48.0799	Woodworking, Other*			

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
48.9999	Precision Production, Other	Machining Levels I and II, various certificates	Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. https://www.nims-skills.org	National Institute for Metalworking Skills, Inc.

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

MARKETING, SALES & SERVICE

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
19.0605	Home Furnishings & Equipment Installers*			
19.0905	Apparel & Textile Marketing Management*			
47.0106	Appliance Installation & Repair Technology/ Technician	NAMA certification, levels I & II	This certification addresses skills needed for maintaining and servicing vending machines. http://www.vending.org/index.php/education/programs/technician-training	National Automatic Merchandising Assoc.
47.9999	Mech/Repair Tech, Other	Section 609 Certification for Refrigerant Recycling and Recovery	Section 609 of the Clean Air Act requires that all technicians who open the refrigeration circuit in automotive air conditioning systems be certified. http://www.macsw.org/MACS/Home/MACS/Default.aspx?hkey=957c5fc7-e5c4-4144-8deb-b248d28aa9db	Mobile Air Conditioning Society Worldwide
		Industry Competency Exams (ICE) (Residential Air Conditioning and Heating, Light Commercial Air Conditioning and Heating, Commercial Refrigeration, EPA 608 Certification)	The Industry Competency Exams measure industry-agreed standards of basic competency for entry-level technicians. http://www.ahrinet.org/order_take+industry+competency+exams.aspx	Air Conditioning and Refrigeration Institute
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
52.1801	Sales, Distribution & Marketing Operations, General	Certified Rooms Division Specialist (CRDS)	Students successfully completing each year of the Lodging Management Program receive a Certificate of Completion for both Year 1 and Year 2. Additionally, students completing both years have the eligibility to receive the certification. http://www.ahlei.org/content.aspx?id=29346	American Hotel & Lodging Association
		National Professional Certification in Customer Service	Industry credential based on a candidate's passing a customer service assessment. http://nrffoundation.com/content/certification-customer-service	National Retail Federation Foundation
		A*S*K Certification	The A*S*K Institute offers added value through certification for completion of course work and other learning experiences. http://www.mbaresearch.org/index.php/assessment-center/certification-a-s-k	A*S*K Institute
52.1907	Vehicle & Vehicle Parts & Accessories Marketing Operations	S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
15.0399	Electrical & Electronic Engineering Technologies/ Technicians, Other	Student Electronics Technician (SET), Associate Certified Electronics Technician (CETa)	Professionally recognized certification in the area of electronics equipment service and support. http://www.eta-i.org/	Electronics Technicians Association, International
15.1103	Hydraulics & Fluid Power Technology/Technician*			
15.9999	Engineering Technologies/ Technicians, Other	Certified Drafter	International certification that recognizes a candidate's drafting knowledge. http://www.adda.org/displaycommon.cfm?an=5	American Design Drafting Association
		Cisco Certified - Network Associate (CCNA), Entry Networking Technician (CCENT)	Three levels of general certification, which is available in various paths such as Routing and Switching, Network Security, and Service Provider. Certifications are also available in focused areas. http://www.cisco.com/en/US/learning/le3/learning_career_certifications_and_learning_paths_home.html	Cisco
		A+, Network+, Server+, Security+	Recognized industry standards for foundation-level information technology (IT) skills http://www.comptiastore.com/	Computing Technology Industry Association (CompTIA)

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Student Electronics Technician (SET), Associate Certified Electronics Technician (CETa)	Professionally recognized certification in the area of electronics equipment service and support. http://www.eta-i.org/	Electronics Technicians Association, International
		Microsoft Certified Professional (MCP)	Certification is awarded to a candidate who passes one current Microsoft certification exam from several available tracks. http://www.microsoft.com/learning/mcp/mcp/requirements.asp	Microsoft
		Certified Novell Administrator (CNA)	Novell encourages candidates for the Certified Novel Administrator to possess a fundamental understanding of networking. http://www.novell.com/training/certinfo/cna/index.html	Novell
		Oracle Certification (path based on product)	The Oracle Certification Program begins with the Associate level and includes several certification paths. http://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=39	Oracle
		Autodesk certified user	The Autodesk Certification program gives students the opportunity to validate their knowledge and skills, helping accelerate their entry into the design industry. Secondary and Post-secondary students can earn the same certifications as professionals. http://usa.autodesk.com	Autodesk
		C-TECH Network Cabling Specialist-copper	Training is available in various networking specialties. http://www.c-techtraining.com/index.htm	C-TECH
26.1201	Biotechnology*			

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

TRANSPORTATION, DISTRIBUTION & LOGISTICS

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
47.0302	Heavy Equipment Maintenance Technology/ Technician	Outdoor Power Equipment Technician Certification	Certifies technical proficiency of technicians in the power equipment industry. http://eetc.org/certificationhome.html	Equipment & Engine Training Council
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2
		Certified Safety Inspector	Candidates must completed a PennDOT-approved Safety course and complete the required exams. http://www.dot4.state.pa.us/inspections/safety_stationmech_faq.shtml	PA Department of Transportation
		Fork Lift Operator	This comprehensive training course for lift truck operators fulfills the OSHA requirement for formal training, practical training and for evaluating the operator. http://www.nsc.org/products_training/Training/workplacesafety/Pages/LiftTruckSafety.aspx	National Safety Council
		Section 609 Certification for Refrigerant Recycling and	Section 609 of the Clean Air Act requires that all technicians who open the refrigeration circuit in automotive air conditioning systems be certified. http://www.macsw.org/MACS/Home/MACS/Default.aspx?hkey=957c5fc7-e5c4-4144-8deb-b248d28aa9db	Mobile Air Conditioning Society Worldwide
		NCCER credentials (various trades)	NCCER develops and publishes the Contren® Learning Series which consists of construction, maintenance, and pipeline curricula, safety programs; management education, and skills assessments. http://www.nccer.org/	National Center for Construction Education and Research (NCCER)
47.0603	Autobody/ Collision & Repair Technology/ Technician	AYES Certificate	Certification of a candidate's automotive technology skills based on an internship and exit exam. http://www.ayes.org/	Automotive Youth Educational Systems (AYES)

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Section 609 Certification for Refrigerant Recycling and Recovery	Section 609 of the Clean Air Act requires that all technicians who open the refrigeration circuit in automotive air conditioning systems be certified. http://www.macsw.org/AM/Template.cfm?Section=Section_609	Mobile Air Conditioning Society Worldwide
		Automotive Service Excellence (ASE)	Certification for automotive repair technicians. http://www.natef.org/about/about_ase_natef.cfm	National Automotive Technicians Education Foundation
		Certified Emissions Inspector	Certified Emissions Inspector Training; PennDOT-approved certification course. http://www.drivecleanpa.state.pa.us/info_service.htm	PA Department of Transportation
		Certified Safety Inspector	Candidates must completed a PennDOT-approved Safety course and complete the required exams. http://www.dot4.state.pa.us/inspections/safety_stationmech_faq.shtml	PA Department of Transportation
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2
		I-CAR, various levels	The Intro to Collision Repair series allows high school students to graduate with a nationally recognized ProLevel 1 credential. http://i-car.com/	I-CAR
47.0604	Automobile/ Automotive Mechanics Technology/ Technician	AYES Certificate	Certification of a candidate's automotive technology skills based on an internship and exit exam. http://www.ayes.org/	Automotive Youth Educational Systems (AYES)
		Outdoor Power Equipment Technician Certification	Certifies technical proficiency of technicians in the power equipment industry. http://eetc.org/certificationhome.html	Equipment & Engine Training Council

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Section 609 Certification for Refrigerant Recycling and Recovery	Section 609 of the Clean Air Act requires that all technicians who open the refrigeration circuit in automotive air conditioning systems be certified. http://www.macsw.org/AM/Template.cfm?Section=Section_609	Mobile Air Conditioning Society Worldwide
		Automotive Service Excellence (ASE)	Certification for automotive repair technicians. http://www.natef.org/about/about_ase_natef.cfm	National Automotive Technicians Education Foundation
		Certified Emissions Inspector	Certified Emissions Inspector Training; PennDOT-approved certification course. http://www.drivecleanpa.state.pa.us/info_service.htm	PA Department of Transportation
		Certified Safety Inspector	Candidates must completed a PennDOT-approved Safety course and complete the required exams. http://www.dot4.state.pa.us/inspections/safety_stationmech_faq.shtml	PA Department of Transportation
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2
47.0608	Aircraft Powerplant Technology/ Technician*			
47.0613	Medium/Heavy Vehicle & Truck Tech	AYES Certificate	Certification of a candidate's automotive technology skills based on an internship and exit exam. http://www.ayes.org/	Automotive Youth Educational Systems (AYES)
		Outdoor Power Equipment Technician Certification	Certifies technical proficiency of technicians in the power equipment industry. http://eetc.org/certificationhome.html	Equipment & Engine Training Council
		Section 609 Certification for Refrigerant Recycling and Recovery	Section 609 of the Clean Air Act requires that all technicians who open the refrigeration circuit in automotive air conditioning systems be certified. http://www.macsw.org/AM/Template.cfm?Section=Section_609	Mobile Air Conditioning Society Worldwide

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		Automotive Service Excellence (ASE)	Certification for automotive repair technicians. http://www.natef.org/about/about_ase_natef.cfm	National Automotive Technicians Education Foundation
		Certified Emissions Inspector	Certified Emissions Inspector Training; PennDOT-approved certification course. http://www.drivecleanpa.state.pa.us/info_service.htm	PA Department of Transportation
		Certified Safety Inspector	Candidates must completed a PennDOT-approved Safety course and complete the required exams. http://www.dot4.state.pa.us/inspections/safety_stationmech_faq.shtml	PA Department of Transportation
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2
47.0699	Vehicle Maintenance & Repair Technologies, Other	Outdoor Power Equipment Technician Certification	Certifies technical proficiency of technicians in the power equipment industry. http://eetc.org/certificationhome.html	Equipment & Engine Training Council
		Automotive Service Excellence (ASE)	Certification for automotive repair technicians. http://www.natef.org/about/about_ase_natef.cfm	National Automotive Technicians Education Foundation
		Certified Emissions Inspector	Certified Emissions Inspector Training; PennDOT-approved certification course. http://www.drivecleanpa.state.pa.us/info_service.htm	PA Department of Transportation
		Certified Safety Inspector	Candidates must completed a PennDOT-approved Safety course and complete the required exams. http://www.dot4.state.pa.us/inspections/safety_stationmech_faq.shtml	PA Department of Transportation
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
49.0202	Construction/ Heavy Equip/ Earthmoving Equip	Outdoor Power Equipment Technician Certification	Certifies technical proficiency of technicians in the power equipment industry. http://eetc.org/certificationhome.html	Equipment & Engine Training Council
		S/P2 Safety & Pollution Prevention	The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.sp2.org/	S/P2
		Certified Safety Inspector	Candidates must completed a PennDOT-approved Safety course and complete the required exams. http://www.dot4.state.pa.us/inspections/safety_stationmech_faq.shtml	PA Department of Transportation
		Fork Lift Operator	This comprehensive training course for lift truck operators fulfills the OSHA requirement for formal training, practical training and for evaluating the operator. http://www.nsc.org/products_training/Training/workplacesafety/Pages/LiftTruckSafety.aspx	National Safety Council
		Section 609 Certification for Refrigerant Recycling and Recovery	Section 609 of the Clean Air Act requires that all technicians who open the refrigeration circuit in automotive air conditioning systems be certified. http://www.macsw.org/AM/Template.cfm?Section=Section_609	Mobile Air Conditioning Society Worldwide
52.0203	Logistics & Materials Management	Fork Lift Operator	This comprehensive training course for lift truck operators fulfills the OSHA requirement for formal training, practical training and for evaluating the operator. http://www.nsc.org/products_training/Training/workplacesafety/Pages/LiftTruckSafety.aspx	National Safety Council
		Certified Logistics Associate, Certified Logistics Technician	The MSSC credentialing system covers core competency areas for higher skilled frontline material handling workers across all supply chain facilities. www.msscusa.org	Manufacturing Skill Standards Council

*No Known Industry-Recognized Certifications—See list of "Other Certifications" suitable for all CIPs.

OTHER CERTIFICATIONS

This table includes certifications that may be applicable to multiple career & technical education programs.

Certification	Certification Description	Issuing Organization
CPR, First Aid, various courses	Preventing and responding to life-threatening emergencies. http://www.redcross.org/	American Red Cross
CPR, First Aid, various courses	Preventing and responding to life-threatening emergencies. http://www.ashinstitute.org/	American Safety & Health Institute
CPR, First Aid, blood borne pathogens, various courses	Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/	National Safety Council
CPR, First Aid, various courses	Preventing and responding to life-threatening emergencies. http://www.heart.org/HEARTORG/CPRAndECC/CPR_UCM_001118_SubHomePage.jsp	American Heart Association
CareerSafe/ OSHA	Once a student successfully completes the 10-hour online CareerSafe course, he or she receives a wallet card from the Occupational Safety and Health Administration (OSHA). The wallet card demonstrates that the student has the fundamental safety knowledge needed in the workplace. http://skillsusa.org/educators/careersafe.shtml	Texas Engineering Extension Service
International Computer Driving License (ICDL)	The International Computer Driver License (ICDL) is a globally recognized credential that certifies an individual as competent using computers. http://www.icdlus.com	International Computer Driving License-US
Internet and Computing Core Certification (IC^3)	Certification program for basic computing and Internet knowledge and skills. http://www.certiport.com/PORTAL/desktopdefault.aspx?tabid=669&roleid=101	Certiport
Microsoft Office Specialist (MOS)/Microsoft Office Master	The premier certification for validating desktop skills with Microsoft® Office programs. This certification provides a globally recognized credential for individuals seeking to advance their careers. Expert-level certification available in Word and Excel. http://www.certiport.com/PORTAL/desktopdefault.aspx?tabid=664&roleid=101	Microsoft/Certiport

Certification	Certification Description	Issuing Organization
OSHA Certification	Several OSHA certifications are available to students whose instructors have completed West Virginia University OSHA trainer classes (formerly IUP classes) or a similar OSHA trainer class. http://safetyandhealth.ext.wvu.edu	Occupational Safety and Health Administration (OSHA)
Pennsylvania State Fire Academy (numerous courses)	Use link below to view training courses offered by the State Fire Academy. http://www.portal.state.pa.us/portal/server.pt/community/certification/11302/certification_levels_presently_offered/563966	Pennsylvania State Fire Academy