

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

**The Pennsylvania Department of Education
Bureau of Career and Technical Education
333 Market Street, 6th Floor
Harrisburg, PA 17126-0333**

CONTENTS

| | |
|---|-----|
| PREFACE | iii |
| AGRICULTURE, FOOD & NATURAL RESOURCES..... | 1 |
| ARCHITECTURE & CONSTRUCTION | 14 |
| ARTS, A/V TECHNOLOGY & COMMUNICATIONS | 19 |
| BUSINESS, MANAGEMENT & ADMINISTRATION..... | 20 |
| HEALTH SCIENCE | 21 |
| HOSPITALITY & TOURISM | 25 |
| HUMAN SERVICES | 27 |
| INFORMATION TECHNOLOGY | 28 |
| LAW, PUBLIC SAFETY & SECURITY | 32 |
| MANUFACTURING..... | 33 |
| MARKETING, SALES & SERVICE | 35 |
| SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS..... | 37 |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS..... | 39 |
| OTHER CERTIFICATIONS..... | 42 |

Commonwealth of Pennsylvania

Edward G. Rendell, Governor

Pennsylvania Department of Education

Gerald L. Zahorchak, Secretary

Office of Elementary/Secondary Education

Diane Castelbuono, Deputy Secretary

Bureau of Career and Technical Education

Lee Burket, Director

Division of Adult and Postsecondary Career and Technical Education

James Gronski, Manager

Project Development

Mary Beth Hassan, Career and Technical Education Advisor, Division of Program Standards and Quality Assurances

July 2005

Revised: July 2006

Disclaimer of Liability:

With respect to this document, neither the Pennsylvania Department of Education, the Commonwealth of Pennsylvania, nor any of its employees, makes any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.

Disclaimer of Endorsement:

Reference herein to any specific commercial products, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the Pennsylvania Department of Education or the Commonwealth of Pennsylvania. The views and opinions of authors expressed herein do not necessarily state or reflect those of the Commonwealth of Pennsylvania, and shall not be used for advertising or product endorsement purposes. The Pennsylvania Department of Education and the Commonwealth of Pennsylvania are not responsible for the contents of any off-site pages referenced.

Copyright Status:

This document may be protected under the U.S. and Foreign Copyright Laws. Permission to reproduce may be required. The Commonwealth of Pennsylvania retains all rights to the information provided by this service including, but not limited to, the right of distribution.

Non-Discrimination:

The Pennsylvania Department of Education does not discriminate in its educational programs, activities or employment practices based on race, color, national origin, sex, sexual orientation, disability, age, religion, ancestry, union membership, or any other legally protected category. This policy is in accordance with state law, including the Pennsylvania Human Relations Act, and with federal law, including Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination in Employment Act of 1967 and the Americans with Disabilities Act of 1990.

The following persons have been designated to handle inquiries regarding the non-discrimination policies:

For Inquiries Concerning Non-Discrimination in Employment:

Pennsylvania Department of Education
Equal Employment Opportunity Representative
Bureau of Human Resources
333 Market Street, 11th Floor
Harrisburg, PA 17126-0333
Voice Telephone: (717) 787-4417
Text Telephone: (717) 783-8445
Fax: (717) 783-9348

For Inquiries Concerning Non-Discrimination in All Other Pennsylvania Department of Education Programs and Activities:

Pennsylvania Department of Education
School Services Unit Director
333 Market Street, 5th Floor
Harrisburg, PA 17126-0333
Voice Telephone: (717) 783-3750
Text Telephone: (717) 783-8445
Fax: (717) 783-6802

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 goal of the resource guide is to assist schools with the sometimes-difficult process of identifying organizations that provide industry-recognized certification. The guide is organized by career cluster. There is an additional table that appears on Page 41 after the career cluster tables. The additional table 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 various websites provide more detailed information about the certifications, including cost, available resources, and certification requirements.

With the assistance of Program Specialists at BCTE and educators throughout Pennsylvania, we have attempted to identify a comprehensive list of industry-recognized certifications. However, this guide will continue to be a work in progress.

The resource guide is available on the BCTE website (http://www.pde.state.pa.us/career_edu). As the Bureau’s Program Specialists, along with industry representatives, identify the one or two recommended certifications in each program, those certifications will be noted. We encourage users of the industry certification resource guide to frequently check the BCTE website for guide updates.

General comments or questions about the resource guide should be directed to mhassan@state.pa.us. 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@state.pa.us |
| James Dilorio Business & Marketing | Business Management and Administration Marketing Sales and Services Arts, A/V Technology, and Communication Information Technology Finance | jdiorio@state.pa.us |
| Lydia Hess Family & Consumer Sciences | Hospitality and Tourism Human Services | lydhess@state.pa.us |
| Kathleen Showers Trade & Industry | Architecture and Construction Manufacturing Transportation, Distribution, and Logistics | kashowers@state.pa.us |
| Chris Weller Agriculture | Agriculture, Food, and Natural Resources Government and Public Administration Education and Training | cweller@state.pa.us |

AGRICULTURE, FOOD & NATURAL RESOURCES

| CIP Code | Program Title | Value Added | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | 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?certifications | 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.porkboard.org/youthPQA/youthPQA.asp | National Pork Board |
| | | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/pdf/peacce.pdf | The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|---|---|--|
| | | Instructor Certification, Trail Guide Certification, Disabilities Certification, Equine Facility Manager Certification, Seasonal Equestrian Staff Certification | CHA offers instructor and trail guide certification and publishes industry standards for group riding programs. http://www.cha-ahse.org/mission.htm | Certified Horsemanship Association |
| | | Penn State Dairy Production Skills Certificate | Introductory-level certificate designed for Milkers, Feeders, Herd Health Technicians, Herdspersons, General Dairy Production Workers, and Managers. http://dairyalliance.psu.edu/certificate/ | Penn State Dairy Alliance |
| | | 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.ydae.purdue.edu/tractor.htm | Hazardous Occupations and Safety Training in Agriculture (HOSTA) |
| 01.0105 | Agricultural/Farm Supplies Retailing & Wholesaling | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |

| CIP Code | Program Title | Value Added | 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?/certifications | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | 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.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |
| | | Outdoor Power Equipment Technician Certification | Certifies technical proficiency of technicians in the power equipment industry. http://www.eetc.org/frameset-techcert.html | Equipment & Engine Training Council |

| CIP Code | Program Title | Value Added | 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?/certifications | 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.porkboard.org/youthPQA/youthPQA.asp | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | 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.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |

| CIP Code | Program Title | Value Added | 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?certifications | 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.porkboard.org/youthPQA/youthPQA.asp | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/pdf/peacce.pdf | The Pennsylvania State University, Department of Environmental Protection, Department of Agriculture, and other sponsors |
| | | Instructor Certification, Trail Guide Certification, Disabilities Certification, Equine Facility Manager Certification, Seasonal Equestrian Staff Certification | CHA offers instructor and trail guide certification and publishes industry standards for group riding programs. http://www.cha-ahse.org/mission.htm | Certified Horsemanship Association |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|---|---|--|
| | | AI Training | Artificial Insemination training is offered on Pennsylvania farms by contacting dspeicher@crinet.com. http://www.crinet.com/aitrain.htm | Genex Cooperative, Inc. |
| | | Penn State Dairy Production Skills Certificate | Introductory-level certificate designed for Milkers , Feeders, Herd Health Technicians, Herdpersons, General Dairy Production Workers, and Managers. http://dairyalliance.psu.edu/certificate/ | Penn State Dairy Alliance |
| | | 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.ydae.purdue.edu/tractor.htm | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | 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?certifications | 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.porkboard.org/youthPQA/youthPQA.asp | National Pork Board |
| | | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|---|---|--|
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | Hazardous Occupations and Safety Training in Agriculture (HOSTA) |
| 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | 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?certifications | Pennsylvania Landscape & Nursery Association |
| | | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | 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 |

| CIP Code | Program Title | Value Added | 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.ydae.purdue.edu/tractor.htm | Hazardous Occupations and Safety Training in Agriculture (HOSTA) |
| 01.5999 | Agriculture/Natural Resources Technology | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | 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?certifications | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | Hazardous Occupations and Safety Training in Agriculture (HOSTA) |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|---|---|--|
| 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | 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?certifications | 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.porkboard.org/youthPQA/youthPQA.asp | National Pork Board |
| | | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |

| CIP Code | Program Title | Value Added | 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?/certifications | Pennsylvania Landscape & Nursery Association |
| | | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | 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/osfc/cwp/browse.asp?a=4&bc=0&c=44979 | Pennsylvania State Fire Academy |
| 03.0511 | Forestry Technology/Technician | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | Pennsylvania Department of Agriculture |

| CIP Code | Program Title | Value Added | 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?/certifications | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | 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/osfc/cwp/browse.asp?a=4&bc=0&c=44979 | Pennsylvania State Fire Academy |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|-----------------|---|---|--|
| | | Master Logger | The Sustainable Forestry Initiative was created in 1995 by the American Forest and Paper Association. In order to become a Master Logger, a logger must complete the PA SFI core-level training. http://www.sfiopa.org/training.htm | Sustainable Forestry Initiative of Pennsylvania |
| 03.0599 | Forestry, Other | Pennsylvania Pesticide Applicator Certification | Certifies Commercial and Public Applicators and Private Applicators. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128271 | 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?certifications | 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://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=128257 | Pennsylvania Department of Agriculture |
| | | Pennsylvania Environmental Agricultural Conservation Certification of Excellence (PEACCE) | Certifies environmentally safe agricultural practices among livestock and poultry producers. http://www.das.psu.edu/Nutrient/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.ydae.purdue.edu/tractor.htm | Hazardous Occupations and Safety Training in Agriculture (HOSTA) |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|----------------------------------|---------------------------------------|--|---|
| | | 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/osfc/cwp/browse.asp?a=4&bc=0&c=44979 | Pennsylvania State Fire Academy |
| | | Master Logger | The Sustainable Forestry Initiative was created in 1995 by the American Forest and Paper Association. In order to become a Master Logger, a logger must complete the PA SFI core-level training. http://www.sfiopa.org/training.htm | Sustainable Forestry Initiative of Pennsylvania |
| 15.0903 | Petroleum Technology/Technician* | | | |

*No Known Industry-Recognized Certifications

ARCHITECTURE & CONSTRUCTION

| CIP Code | Program Title | Value Added | 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 |
| 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/credentials/credentials.asp | National Center for Construction Education and Research (NCCER) |
| 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/credentials/credentials.asp | 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/nationalreg.html | Home Builders Institute |
| 46.0303 | Lineworker* | | | |
| 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/credentials/credentials.asp | 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/nationalreg.html | Home Builders Institute |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|--|---|---|
| | | Home Technology Integrator Certification (HTI+) | Certification is based on a set of standards designed to measure the mastery of core competencies regarding the installation, integration, and troubleshooting of automated home sub-systems: Home Security, Audio/Video, Computer Networks, Electrical Wiring, HVAC, Cable/Satellite, Broadband, Telecommunications, and Structured Wiring. http://www.comptia.org/certification/hti/?nav=quick | Computing Technology Industry Association (CompTIA) |
| 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/credentials/credentials.asp | 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/nationalreg.html | Home Builders Institute |
| | | Home Technology Integrator Certification (HTI+) | Certification is based on a set of standards designed to measure the mastery of core competencies regarding the installation, integration, and troubleshooting of automated home sub-systems: Home Security, Audio/Video, Computer Networks, Electrical Wiring, HVAC, Cable/Satellite, Broadband, Telecommunications, and Structured Wiring. http://www.comptia.org/certification/hti/?nav=quick | Computing Technology Industry Association (CompTIA) |
| 46.0408 | Painting/Painter & Wall Coverer* | | | |
| 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/credentials/credentials.asp | 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/nationalreg.html | Home Builders Institute |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|--|---|---|
| 46.0502 | Pipefitting/Pipefitter & Sprinkler Fitter | 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/nationalreg.html | Home Builders Institute |
| 46.5999 | Construction Technology | 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/credentials/credentials.asp | 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/nationalreg.html | Home Builders Institute |
| | | Home Technology Integrator Certification (HTI+) | Certification is based on a set of standards designed to measure the mastery of core competencies regarding the installation, integration, and troubleshooting of automated home sub-systems: Home Security, Audio/Video, Computer Networks, Electrical Wiring, HVAC, Cable/Satellite, Broadband, Telecommunications, and Structured Wiring. http://www.comptia.org/certification/hti/?nav=quick | Computing Technology Industry Association (CompTIA) |
| 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/credentials/credentials.asp | 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/nationalreg.html | Home Builders Institute |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|--|---|---|
| | | Home Technology Integrator Certification (HTI+) | Certification is based on a set of standards designed to measure the mastery of core competencies regarding the installation, integration, and troubleshooting of automated home sub-systems: Home Security, Audio/Video, Computer Networks, Electrical Wiring, HVAC, Cable/Satellite, Broadband, Telecommunications, and Structured Wiring. http://www.comptia.org/certification/hti/?nav=quick | Computing Technology Industry Association (CompTIA) |
| 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.ari.org/edu/ice.html | Air Conditioning and Refrigeration Institute |
| | | Student Outcome Assessment | Certifies a technician's skill level based on nationally recognized standards. http://www.hvacexcellence.org/Technicians.htm | 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/credentials/credentials.asp | National Center for Construction Education and Research (NCCER) |
| | | 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) |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---------------|--|--|-------------------------|
| | | 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/nationalreg.html | Home Builders Institute |

*No Known Industry-Recognized Certifications

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|----------------------------------|--|--|
| 10.0399 | Graphic Communications, Other | PrintED | PrintED is a national accreditation program administered by the Graphic Arts Education and Research Foundation. The accreditation program is based on industry standards for graphic communications courses at the secondary and post-secondary levels. http://www.gaerf.org/printed/printed.html | Graphic Arts Education & Research Foundation |
| 50.0301 | Dance, General* | | | |
| 50.0402 | Commercial & Advertising Art | PrintED | PrintED is a national accreditation program administered by the Graphic Arts Education and Research Foundation. The accreditation program is based on industry standards for graphic communications courses at the secondary and post-secondary levels. http://www.gaerf.org/printed/printed.html | Graphic Arts Education & Research Foundation |
| 50.0406 | Commercial Photography* | | | |
| 50.0602 | Cinematography & Film/Video Production* | | | |
| 50.5999 | Communications Technology | 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/framesetT.html | National Academies of Emergency Dispatch |
| 50.9999 | Visual & Performing Arts, Other* | | | |

*No Known Industry-Recognized Certifications

BUSINESS, MANAGEMENT & ADMINISTRATION

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|----------------------------------|--|---|
| 52.0302 | Accounting Technology/Technician & Bookkeeping* | | | |
| 52.0401 | Administrative Assistant & Secretarial Science, General* | | | |
| 52.0408 | General Office Occupations & Clerical Services | A+, Network+, Server+, Security+ | Recognized industry standards for foundation-level information technology (IT) skills http://www.comptia.org/certification/default.aspx | Computing Technology Industry Association (CompTIA) |
| 52.0701 | Entrepreneurship/ Entrepreneurial Studies* | | | |

*No Known Industry-Recognized Certifications

HEALTH SCIENCE

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|---|---|---|
| 51.0601 | Dental Assisting/Assistant | Pennsylvania Dental Radiologist Procedures Examination | Pennsylvania Dental Radiological Procedures Examination http://www.experioronline.com/pahc.htm | Thomson Prometric (formerly Exporior Assessments) |
| 51.0707 | Health Information/Medical Records Technology/Technician | Certified Medical Billing and Coding Specialist (CBCS), Certified Medical Administrative Assistant (CMAA), Certified Medical 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 |
| 51.0801 | Medical/Clinical Assistant | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/creddet.html | National Association for Home Care & Hospice/Home Care University |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|---|--|---|
| | | Certified Clinical Medical Assistant (CCMA), Certified EKG/ECG Technician (CET), Certified Nurse Technician (CNT), Certified 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 |
| 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 |
| 51.0808 | Veterinary/Animal Health Technology/Technician & Veterinary Assistant* | | | |
| 51.0899 | Health/Medical Assisting Services, Other | Certified Nurse Technician (CNT), Certified Patient Care Technician (CPCT), Certified Pharmacy Technician (CPhT) | 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 |
| | | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/credet.html | National Association for Home Care & Hospice/Home Care University |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|--|--|---|
| | | 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. http://www.dsf.health.state.pa.us/health/CWP/view.asp?A=188&QUESTION_ID=200721 | Pennsylvania Department of Health |
| 51.1614 | Nurse/Nursing Assistant/Aide & Patient Care Assistant | Certified Nurse Technician (CNT), Certified 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 |
| | | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/credDET.html | National Association for Home Care & Hospice/Home Care University |
| | | 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. http://www.dsf.health.state.pa.us/health/CWP/view.asp?A=188&QUESTION_ID=200721 | Pennsylvania Department of Health |
| 51.2602 | Home Health Aide/Home Attendant | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/credDET.html | National Association for Home Care & Hospice/Home Care University |
| 51.5999 | Health Care Technology | Certified Nurse Technician (CNT) | 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. http://www.dsf.health.state.pa.us/health/CWP/view.asp?A=188&QUESTION_ID=200721 | Pennsylvania Department of Health |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|----------------------------------|--|--|
| | | 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/framesetT.html | The National Academies of Emergency Dispatch |
| 51.9999 | Health Professions & Related Clinical Sciences, Other | Certified Nurse Technician (CNT) | 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. http://www.dsf.health.state.pa.us/health/CWP/view.asp?A=188&QUESTION_ID=200721 | Pennsylvania Department of Health |

*No Known Industry-Recognized Certifications

HOSPITALITY & TOURISM

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|--|---|------------------------------|
| 12.0501 | Baking & Pastry Arts/Baker/Pastry Chef | Certified Culinarian (CC), Certified Pastry Culinarian (CPC) | Certification at various levels for culinary professions. http://www.acfchefs.org/certify/crt.html | American Culinary Federation |
| | | ServSafe, Experior, National Sanitation Foundation (NSF), National Environmental Health Association (NEHA), etc. | National certifications are approved by the PA Department of Agriculture. The Food Employee Certification Act of July 1, 2004, requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=127011 | PA Department of Agriculture |
| 12.0506 | Meat Cutting/Meat Cutter | ServSafe, Experior, National Sanitation Foundation (NSF), National Environmental Health Association (NEHA), etc. | National certifications are approved by the PA Department of Agriculture. The Food Employee Certification Act of July 1, 2004, requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=127011 | PA Department of Agriculture |
| 12.0508 | Institutional Food Workers | Certified Culinarian (CC), Certified Pastry Culinarian (CPC) | Certification at various levels for culinary professions. http://www.acfchefs.org/certify/crt.html | American Culinary Federation |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|--|---|--------------------------------------|
| | | ServSafe, Experior, National Sanitation Foundation (NSF), National Environmental Health Association (NEHA), etc. | National certifications are approved by the PA Department of Agriculture. The Food Employee Certification Act of July 1, 2004, requires certain food establishments to employ at least one certified supervisory employee per establishment. http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=127011 | PA Department of Agriculture |
| | | 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.lodgingmanagement.org/certification.html | 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.lodgingmanagement.org/certification.html | American Hotel & Lodging Association |

*No Known Industry-Recognized Certifications

HUMAN SERVICES

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|-----------------------------------|---|--------------------------------------|
| 19.0101 | Family & Consumer Sciences/Human Sciences, General* | | | |
| 19.0699 | Housing & Human Environments, Other* | | | |
| 19.0702 | Adult Development & Aging | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/credet.html | Home Care University |
| 19.0708 | Child Care & Support Services Management | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/credet.html | Home Care University |
| | | 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/ | Council for Professional Recognition |
| 19.0799 | Human Development, Family Studies & Related Services, Other | Home Care Aide | Certification for home care aides who successfully complete training, skills demonstration, and written examination. http://www.nahc.org/HCU/credet.html | Home Care University |
| 19.5999 | Consumer Science Technology* | | | |
| 19.9999 | Family & Consumer Sciences/Human Sciences, Other* | | | |
| 32.0105 | Job Seeking/Changing Skills* | | | |
| 32.0107 | Career Exploration/Awareness Skills* | | | |

*No Known Industry-Recognized Certifications

INFORMATION TECHNOLOGY

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|---|---|---|---|
| 09.0702 | Digital Communications & Media/Multimedia* | | | |
| 10.0303 | Prepress/Desktop Publishing & Digital Imaging Design | PrintED | PrintED is a national accreditation program administered by the Graphic Arts Education and Research Foundation. The accreditation program is based on industry standards for graphic communications courses at the secondary and post-secondary levels. http://www.gaerf.org/printed/printed.html | Graphic Arts Education & Research Foundation |
| 11.0201 | Computer Programming/ Programmer, General | Cisco Certified Network Associate | Three levels of general certification, which are 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/certification/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://www.oracle.com/education/certification | 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) |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|--|---|---|
| 11.0901 | Computer Systems Networking & Telecommunications | Cisco Certified Network Associate | Three levels of general certification, which are 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/certification/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://www.oracle.com/education/certification | Oracle |
| 15.0305 | Telecommunications Technology/Technician* | | | |
| 15.1202 | Computer Technology/Computer Systems Technology | Cisco Certified Network Associate | Three levels of general certification, which are 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/certification/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 | Value Added | 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://www.oracle.com/education/certification | Oracle |
| 52.1201 | Management Information Systems, General | Cisco Certified Network Associate | Three levels of general certification, which are 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/certification/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://www.oracle.com/education/certification | Oracle |
| 52.5999 | Business/Information/Computer Technology | Cisco Certified Network Associate | Three levels of general certification, which are 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 | Value Added | Certification Description | Issuing Organization |
|----------|--|--|---|---|
| | | A+, Network+, Server+, Security+ | Recognized industry standards for foundation-level information technology (IT) skills http://www.comptia.org/certification/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 Novell 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://www.oracle.com/education/certification | Oracle |
| 99.9999 | Vocational-Technical Education, Other* | | | |

*No Known Industry-Recognized Certifications

LAW, PUBLIC SAFETY & SECURITY

| CIP Code | Program Title | Value Added | 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.osfc.state.pa.us/osfc/cwp/view.asp?a=355&q=266647 | 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/framesetT.html | The National Academies of Emergency Dispatch |
| 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.osfc.state.pa.us/osfc/cwp/view.asp?a=355&q=266647 | 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/framesetT.html | The National Academies of Emergency Dispatch |
| 43.9999 | Security & Protective Services, Other | Firefighter I and II and various professional certifications | Certification of a candidate's knowledge and skills according to nationally recognized standards. http://www.osfc.state.pa.us/osfc/cwp/view.asp?a=355&q=266647 | 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/framesetT.org | The National Academies of Emergency Dispatch |

MANUFACTURING

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|---|--|--|
| 15.0303 | Electrical, Electronic & Communications Engineering Technology/Technician | 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/CertsGroups.html | 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 |
| 15.1304 | Civil Drafting & Civil Engineering CAD/CADD* | | | |
| 47.0199 | Electrical/Electronics Maintenance & Repair Technology, Other* | | | |
| 47.0303 | Industrial Mechanics & Maintenance Technology* | | | |
| 48.0303 | Upholstery/Upholsterer* | | | |
| 48.0501 | Machine Tool Technology/Machinist | Machining Levels I and II | Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. http://www.nims-skills.org/cred/cred.htm | National Institute for Metalworking Skills, Inc. |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|-----------------|--------------------------------------|--|--|--|
| 48.0503 | Machine Shop Technology/Assistant | Machining Levels I and II | Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. http://www.nims-skills.org/cred/cred.htm | National Institute for Metalworking Skills, Inc. |
| 48.0506 | Sheet Metal Technology/Sheetworking* | | | |
| 48.0507 | Tool & Die Technology/Technician | Machining Levels I and II | Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. http://www.nims-skills.org/cred/cred.htm | National Institute for Metalworking Skills, Inc. |
| 48.0508 | Welding Technology/Welder | Level I – Entry Welder, Level II – Advanced Welder | Performance-based certification. http://www.aws.org/certification/ | American Welding Society |
| 48.0599 | Precision Metal Working, Other | Machining Levels I and II | Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. http://www.nims-skills.org/cred/cred.htm | National Institute for Metalworking Skills, Inc. |
| 48.0703 | Cabinetmaking & Millwork/Millwright* | | | |
| 48.0799 | Woodworking, Other* | | | |
| 48.5999 | Production Industries Technology* | | | |
| 48.9999 | Precision Production, Other | Machining Levels I and II | Certification of skills through the earning of NIMS credentials based on satisfactory completion of performance tests and related theory exams. http://www.nims-skills.org/cred/cred.htm | National Institute for Metalworking Skills, Inc. |

*No Known Industry-Recognized Certifications

MARKETING, SALES & SERVICE

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|---|--|---|
| 12.0401 | Cosmetology/ Cosmetologist, General | 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 |
| 19.0605 | Home Furnishings & Equipment Installers* | | | |
| 19.0905 | Apparel & Textile Marketing Management* | | | |
| 47.0106 | Appliance Installation & Repair Technology/Technician* | | | |
| 47.5999 | Mechanics/Installers/ Repairers Technology | 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/macsw.asp?mfurl=certify.html | 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.ari.org/edu/ice.html | 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.ccar-traininglink.org/index.php | S/P2 |

| CIP Code | Program Title | Value Added | 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.lodgingmanagement.org/certification.html | American Hotel & Lodging Association |
| | | National Professional Certification in Customer Service | Industry credential based on a candidate's passing a customer service assessment. http://www.nrf.com/content/default.asp?folder=foundation&file=assesstert.htm&bhcp=1 | 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.askinstitute.org/CertifProg.htm | 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.ccar-traininglink.org/index.php | S/P2 |

*No Known Industry-Recognized Certifications

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

| CIP Code | Program Title | Value Added | 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/CertsGroups.html | Electronics Technicians Association, International |
| 15.1103 | Hydraulics & Fluid Power Technology/Technician* | | | |
| 15.5999 | Engineering Technology* | | | |
| 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 | Three levels of general certification, which are 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/certification/default.aspx | Computing Technology Industry Association (CompTIA) |
| | | 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/CertsGroups.html | Electronics Technicians Association, International |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|----------------|--|---|----------------------|
| | | 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://www.oracle.com/education/certification | Oracle |
| 26.1201 | Biotechnology* | | | |

*No Known Industry-Recognized Certifications

TRANSPORTATION, DISTRIBUTION & LOGISTICS

| CIP Code | Program Title | Value Added | 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://www.eetc.org/frameset-techcert.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.ccar-traininglink.org/index.php | S/P2 |
| 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) |
| | | 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/macsw.asp?mfurl=certify.html | 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/drivecleanpa/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.ccar-traininglink.org/index.php | S/P2 |
| 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) |

| CIP Code | Program Title | Value Added | Certification Description | Issuing Organization |
|----------|--|--|---|--|
| | | Outdoor Power Equipment Technician Certification | Certifies technical proficiency of technicians in the power equipment industry. http://www.eetc.org/frameset-techcert.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/macsw.asp?mfurl=certify.html | 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/drivecleanpa/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.ccar-traininglink.org/index.php | S/P2 |
| 47.0605 | Diesel 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://www.eetc.org/frameset-techcert.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/macsw.asp?mfurl=certify.html | Mobile Air Conditioning Society Worldwide |

| CIP Code | Program Title | Value Added | 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/drivecleanpa/info_service.htm | 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.ccar-traininglink.org/index.php | S/P2 |
| 47.0608 | Aircraft Powerplant Technology/Technician* | | | |
| 47.0699 | Vehicle Maintenance & Repair Technologies, Other | Outdoor Power Equipment Technician Certification | Certifies technical proficiency of technicians in the power equipment industry. http://www.eetc.org/frameset-techcert.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 |
| | | S/P2 Safety & Pollution Prevention | The S/P2 training courses cover Safety and Pollution Prevention (S/P2) issues in automotive operation. http://www.ccar-traininglink.org/index.php | S/P2 |
| 52.0203 | Logistics & Materials Management* | | | |

*No Known Industry-Recognized Certifications

OTHER CERTIFICATIONS

The below table includes value-added certifications that may be applicable to multiple career clusters/programs.

| Value Added | Certification Description | Issuing Organization |
|---|---|-------------------------------------|
| Adult CPR | Preventing and responding to life-threatening emergencies. http://www.redcross.org/services/hss/courses/ | American Red Cross |
| AED Essentials | Preventing and responding to life-threatening emergencies. http://www.redcross.org/services/hss/courses/ | American Red Cross |
| Automated External Defibrillation (AED) | Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/ | American Safety & Health Institute |
| Basic First Aid | Preventing and responding to life-threatening emergencies. http://www.ashinstitute.org/Training.asp | American Safety & Health Institute |
| Bloodborne and Airborne Pathogens | Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/ | National Safety Council |
| CareerSafe | Training addresses the high-priority safety training needs of young workers. 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://www.careersafeonline.com/index.k2?did=551360 | Texas Engineering Extension Service |
| Community First Aid and Safety | Preventing and responding to life-threatening emergencies. http://www.redcross.org/services/hss/courses/ | American Red Cross |
| CPR and AED | Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/ | National Safety Council |
| CPR and AED | Preventing and responding to life-threatening emergencies. http://www.ashinstitute.org/Training.asp | American Safety & Health Institute |
| CPR for Family and Friends | Preventing and responding to life-threatening emergencies. http://www.americanheart.org/presenter.jhtml?identifier=3011773 | American Heart Association |
| CPR PRO | Preventing and responding to life-threatening emergencies. http://www.ashinstitute.org/Training.asp | American Safety & Health Institute |
| First Aid | Preventing and responding to life-threatening emergencies. http://www.redcross.org/services/hss/courses/ | American Red Cross |
| First Aid | Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/ | National Safety Council |
| Heartsaver AED | Preventing and responding to life-threatening emergencies. http://www.americanheart.org/presenter.jhtml?identifier=3011773 | American Heart Association |
| Heartsaver CPR | Preventing and responding to life-threatening emergencies. http://www.americanheart.org/presenter.jhtml?identifier=3011773 | American Heart Association |

| Value Added | Certification Description | Issuing Organization |
|--|--|--|
| Heartsaver First Aid | Preventing and responding to life-threatening emergencies. http://www.americanheart.org/presenter.jhtml?identifier=3011773 | American Heart Association |
| HIPAA Employee Training Program | Training, testing, and documentation to full HIPAA employee privacy training requirements. http://www.softscout.com/vendor-software/Carnelian-Software-Inc.html | Carnelian Software, Inc. |
| Infant and Child CPR | Preventing and responding to life-threatening emergencies. http://www.redcross.org/services/hss/courses/ | American Red Cross |
| 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://www2.icdlus.com/icdlus-lms-webclient/ | 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=229 | 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=228 | Microsoft/Certiport |
| National Health Care Foundation Skill Standards Assessment/Certificate Program | Two levels of the certificate are available (proficiency and mastery) http://www.nchste.org/ViewPage.Cfm?NavID=57 | National Consortium on Health Science and Technology Education |
| OSHA Certification | Several OSHA certifications are available at Indiana University of Pennsylvania's Keystone Occupational Safety and Health Center http://www.hhs.iup.edu/sa/oti/index.shtm | Occupational Safety and Health Administration (OSHA) |
| Pediatric First Aid, CPR, and AED | Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/ | National Safety Council |
| Pennsylvania State Fire Academy (numerous courses) | Use link below to view training courses offered by the State Fire Academy. http://www.osfc.state.pa.us/osfc/cwp/view.asp?a=355&q=266647 | Pennsylvania State Fire Academy |
| Standard First Aid, CPR, and AED | Preventing and responding to life-threatening emergencies. http://www.nsc.org/train/ec/ | National Safety Council |