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

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)
		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)

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
		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

CIP Code	Program Title	Certification	Certification Description	Issuing Organization
		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
		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.