



Pennsylvania Higher Education Assistance Agency

PENNSYLVANIA TARGETED INDUSTRY PROGRAM
 (PA-TIP) ELIGIBLE CIP CODES ■ 2019-20 AWARD YEAR

ELIGIBLE CLASSIFICATION OF INSTRUCTIONAL PROGRAM (CIP) CODES:

CIP CODE	CIP TITLE
01.0000	AGRICULTURE, GENERAL
01.0104	FARM/FARM & RANCH MANAGEMENT
01.0199	AGRICULTURAL BUSINESS & MANAGEMENT, OTHER
01.0205	AGRICULTURAL MECHANICS & EQUIPMENT/ MACHINE TECH
01.0299	AGRICULTURAL MECHANIZATION, OTHER
01.0301	AGRICULTURAL PRODUCTION OPERATIONS, GENERAL
01.0302	ANIMAL/LIVESTOCK HUSBANDRY & PRODUCTION
01.0303	AQUACULTURE
01.0304	CROP PRODUCTION
01.0306	DAIRY HUSBANDRY & PRODUCTION
01.0307	HORSE HUSBANDRY/EQUINE SCIENCE & MANAGEMENT
01.0308	AGREOCOLOGY & SUSTAINABLE AGRICULTURE
01.0399	AGRICULTURAL PRODUCTION OPERATIONS, OTHER
01.0401	AGRICULTURAL & FOOD PRODUCTS PROCESSING
01.0901	ANIMAL SCIENCES, GENERAL
01.0902	AGRICULTURAL ANIMAL BREEDING
01.0904	ANIMAL NUTITION
01.0905	DAIRY SCIENCE
01.0906	LIVESTOCK MANAGEMENT
01.0907	POULTRY SCIENCE
01.1101	PLANT SCIENCES, GENERAL
01.1102	AGRONOMY & CROP SCIENCE
01.1103	HORTICULTURE SCIENCE
01.9999	AGRICULTURE, AG OPERATIONS & RELATED SCIENCES
03.0301	FISHING & FISHERIES SCIENCES & MANAGEMENT
03.0510	FOREST RESOURCES PRODUCTION & MANAGEMENT
14.3501	INDUSTRIAL ENGINEERING
15.0505	SOLAR ENERGY TECHNOLOGY/TECHNICIAN
15.0614	WELDING ENGINEERING TECHNOLOGY/TECHNICIAN
15.0805	MECHANICAL ENGINEERING/MECHANICAL TECH/ TECHNICIAN

CIP CODE	CIP TITLE
15.0899	MECHANICAL ENGINEERING RELATED TECH/ TECHNICIANS
15.1301	DRAFTING & DESIGN TECHNOLOGY/ TECHNICIAN, GENERAL
15.1302	CAD/CADD DRAFTING AND/OR DESIGN TECH/ TECHNICIAN
15.1306	MECHANICAL DRAFTING & MECHANICAL DRAFTING CAD/CADD
41.0205	NUCLEAR/NUCLEAR POWER TECHNOLOGY/ TECHNICIAN
41.0299	NUCLEAR & INDUSTRIAL RADIOLOGICAL TECH/ TECHNICIANS
41.0301	CHEMICAL TECHNOLOGY/TECHNICIAN
41.0303	CHEMICAL PROCESS TECHNOLOGY
46.0000	CONSTRUCTION TRADES, GENERAL
46.0301	ELECTRICAL & POWER TRANS INSTALLATION/INSTALLER
46.0302	ELECTRICIAN
46.0303	LINeworker
46.0399	ELECTRICAL & POWER TRANSMISSION INSTALLERS, OTHER
46.0401	BUILDING/PROPERTY MAINTENANCE
46.0414	INSULATOR
46.0499	BLDG/CONSTRUCTION FINISHING, MNGMNT & INSPECTION
46.0502	PIPEFITTING/PIPEFITTER & SPRINKLER FITTER
46.0503	PLUMBING TECHNOLOGY/PLUMBER
46.0504	WELL DRILLING/DRILLER
46.0599	PLUMBING & RELATED WATER SUPPLY SERVICES, OTHER
46.0603	AUTOBODY/COLLISION & REPAIR TECHNOLOGY/ TECHNICIAN
47.0000	MECHANICS & REPAIRERS, GENERAL
47.0101	ELECTRICAL/ELECTRONIC EQUIP INSTALL & REPAIR, GEN



Pennsylvania Higher Education Assistance Agency

PENNSYLVANIA TARGETED INDUSTRY PROGRAM
 (PA-TIP) ELIGIBLE CIP CODES ■ 2019-20 AWARD YEAR

ELIGIBLE CLASSIFICATION OF INSTRUCTIONAL PROGRAM (CIP) CODES: *continued*

CIP CODE	CIP TITLE
47.0103	COMMUNICATIONS SYSTEMS INSTALLATION & REPAIR TECHNOLOGY
47.0105	INDUSTRIAL ELECTRONICS TECHNOLOGY/TECHNICIAN
47.0199	ELECTRICAL/ELECTRONICS MAINTENANCE & TECH, OTHER
47.0201	HEATING, A/C, VENTILATION & REFRIGERATION MAINT.
47.0302	HEAVY EQUIPMENT MAINTENANCE TECHNOLOGY/TECHNICIAN
47.0303	INDUSTRIAL MECHANICS & MAINTENANCE TECHNOLOGY
47.0399	HEAVY/INDUSTRIAL EQUIPMENT MAINTENANCE TECHNOLOGIES, OTHER
47.0499	PRECISION SYSTEMS MAINTENANCE & REPAIR TECH, OTHER
47.0600	VEHICLE MAINTENANCE & REPAIR TECHNOLOGIES, OTHER
47.0605	DIESEL MECHANICS TECHNOLOGY/TECHNICIAN
47.0612	VEHICLE EMISSIONS INSPECTION & MAINTENANCE TECH
47.0613	MEDIUM/HEAVY VEHICLE & TRUCK TECHNOLOGY/TECHNICIAN
47.0699	VEHICLE MAINTENANCE & REPAIR TECHNOLOGIES, OTHER
47.9999	MECHANIC & REPAIR TECHNOLOGIES/TECHNICIANS, OTHER
48.0000	PRECISION PRODUCTION TRADES, GENERAL
48.0501	MACHINE TOOL TECHNOLOGY/MACHINIST
48.0503	MACHINE SHOP TECHNOLOGY/ASSISTANT
48.0506	SHEET METAL TECHNOLOGY/SHEETWORKING
48.0507	TOOL & DIE TECHNOLOGY/TECHNICIAN
48.0508	WELDING TECHNOLOGY/WELDER
48.0510	COMPUTER NUMERICALLY CONTROLLED (CNC) MECHAN TECH
48.0511	METAL FABRICATOR
48.0599	PRECISION METAL WORKING, OTHER
48.0701	WOODWORKING, GENERAL

CIP CODE	CIP TITLE
48.0799	WOODWORKING, OTHER
49.0101	AERONAUTICS/AVIATION/AEROSPACE SCIENCE & TECH, GEN
49.0104	AVIATION/AIRWAY MANAGEMENT & OPERATIONS
49.0202	CONSTRUCTION/HEAVY EQUIP/EARTHMOVING EQUIP OPERATNS
49.0205	TRUCK & BUS DRIVER/COMM VEHICLE OPERATOR & INSTRUC
49.0208	RAILROAD & RAILWAY TRANSPORTATION
49.0299	GROUND TRANSPORTATION, OTHER
49.9999	TRANSPORTATION & MATERIALS MOVING, OTHER
51.0601	DENTAL ASSISTING/ASSISTANT
51.0707	HEALTH INFORMATION/MEDICAL RECORDS TECHNOLOGY/TECHNICIAN
51.0709	MEDICAL OFFICE COMPUTER SPECIALIST/ASSISTANT
51.0710	MEDICAL OFFICE ASSISTANT/SPECIALIST
51.0712	MEDICAL RECEPTION/RECEPTIONIST
51.0713	MEDICAL INSURANCE CODING SPECIALIST/CODER
51.0716	MEDICAL ADMINISTRATIVE/EXECUTIVE ASSISTANT AND MEDICAL SECRETARY
51.0801	MEDICAL/CLINICAL ASSISTANT
51.0808	VETERINARY/ANIMAL HEALTH TECHN & VETERINARY ASSIST
51.0809	ANESTHESIOLOGIST ASSISTANT
51.0811	PATHOLOGY/PATHOLOGIST ASSISTANT
51.0813	CHIROPRACTIC ASSISTANT/TECHNICIAN
51.0904	EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC)
51.0909	SURGICAL TECHNOLOGY/TECHNOLOGIST
51.1009	PHLEBOTOMY TECHNICIAN/PHLEBOTOMIST
51.1012	STERILE PROCESSING TECHNOLOGY/TECHNICIAN
51.1802	OPTOMETRIC TECHNICIAN/ASSISTANT
51.1803	OPHTHALMIC TECHNICIAN/TECHNOLOGIST
51.1804	ORTHOPTICS/ORTHOPTIST
51.2601	HEALTH AIDE



Pennsylvania Higher Education Assistance Agency

PENNSYLVANIA TARGETED INDUSTRY PROGRAM
(PA-TIP) ELIGIBLE CIP CODES ■ 2019-20 AWARD YEAR

ELIGIBLE CLASSIFICATION OF INSTRUCTIONAL PROGRAM (CIP) CODES: *continued*

CIP CODE	CIP TITLE
51.3901	LICENSED PRACTICAL/VOCATIONAL NURSE TRAINING
51.3902	NURSING ASSISTANT/AIDE AND PATIENT CARE ASSISTANT/AIDE
51.3999	PRACTICAL NURSING, VOCATIONAL NURSING AND NURSING ASSISTANTS, OTHER
52.0203	LOGISTICS, MATERIALS & SUPPLY CHAIN MANAGEMENT
52.0205	OPERATIONS MANAGEMENT & SUPERVISION
52.0209	TRANSPORTATION/MOBILITY MANAGEMENT