

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
11.01	Computer and Information Sciences, General.		
		Computer Specialists, All Other	15-1099
		Computer Systems Analysts	15-1051
		Database Administrators	15-1061
		Network and Computer Systems Administrators	15-1071
		Network Systems and Data Communications Analysts	15-1081
11.0103	Information Technology.		
		Computer Software Engineers, Applications	15-1031
		Computer Software Engineers, Systems Software	15-1032
		Computer Systems Analysts	15-1051
		Network Systems and Data Communications Analysts	15-1081
11.0201	Computer Programming/Programmer, General.		
		Computer Programmers	15-1021
		Numerical Tool and Process Control Programmers	51-4012
11.0301	Data Processing and Data Processing Technology/Technician.		
		Computer Operators	43-9011
		Computer Specialists, All Other	15-1099
		Computer Support Specialists	15-1041
		Numerical Tool and Process Control Programmers	51-4012
11.0401	Information Science/Studies.		
		Computer Software Engineers, Systems Software	15-1032
		Computer Specialists, All Other	15-1099
		Network and Computer Systems Administrators	15-1071
11.0701	Computer Science.		
		Computer Software Engineers, Applications	15-1031
		Computer Software Engineers, Systems Software	15-1032
		Computer Specialists, All Other	15-1099

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
11.0801	Web Page, Digital/Multimedia and Information Resources Design.		
		Computer Programmers	15-1021
		Graphic Designers	27-1024
		Multi-Media Artists and Animators	27-1014
11.0901	Computer Systems Networking and Telecommunications.		
		Network and Computer Systems Administrators	15-1071
		Network Systems and Data Communications Analysts	15-1081
11.1001	System Administration/Administrator.		
		Network and Computer Systems Administrators	15-1071
11.1002	System, Networking, and LAN/WAN Management/Manager.		
		Network and Computer Systems Administrators	15-1071
11.1003	Computer and Information Systems Security.		
		Database Administrators	15-1061
		Network and Computer Systems Administrators	15-1071
		Network Systems and Data Communications Analysts	15-1081
11.1004	Web/Multimedia Management and Webmaster.		
		Computer Programmers	15-1021
		Computer Systems Analysts	15-1051
15.0101	Architectural Engineering Technology/Technician.		
		Engineering Technicians, Except Drafters, All Other	17-3029
15.0201	Civil Engineering Technology/Technician.		
		Civil Engineering Technicians	17-3022
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician.		
		Electrical and Electronic Engineering Technicians	17-3023
15.0304	Laser and Optical Technology/Technician.		
		Engineering Technicians, Except Drafters, All Other	17-3029

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
15.0305	Telecommunications Technology/Technician.		
		Electrical and Electronic Engineering Technicians	17-3023
15.0401	Biomedical Technology/Technician.		
		Medical Equipment Repairers	49-9062
15.0403	Electromechanical Technology/Electromechanical Engineering Technology.		
		Electromechanical Equipment Assemblers	51-2023
15.0404	Instrumentation Technology/Technician.		
		Precision Instrument and Equipment Repairers, All Other	49-9069
15.0405	Robotics Technology/Technician.		
		Electromechanical Equipment Assemblers	51-2023
15.0501	Heating, Air Conditioning and Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/AC Technology).		
		Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021
15.0505	Solar Energy Technology/Technician.		
		Engineering Technicians, Except Drafters, All Other	17-3029
		Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.		
		Water and Liquid Waste Treatment Plant and System Operators	51-8031
15.0507	Environmental Engineering Technology/Environmental Technology.		
		Environmental Engineering Technicians	17-3025
15.0611	Metallurgical Technology/Technician.		
		Engineering Technicians, Except Drafters, All Other	17-3029
15.0612	Industrial Technology/Technician.		
		Industrial Engineering Technicians	17-3026

Comptroller Approved Training Programs for High-Demand Occupations
 Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
 Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
15.0613	Manufacturing Technology/Technician.	Industrial Engineering Technicians	17-3026
15.0805	Mechanical Engineering/Mechanical Technology/Technician.	Mechanical Engineering Technicians	17-3027
15.0903	Petroleum Technology/Technician.	Geological and Petroleum Technicians	19-4041
15.1001	Construction Engineering Technology/Technician.	Civil Engineering Technicians	17-3022
		Construction Managers	11-9021
		Cost Estimators	13-1051
15.1102	Surveying Technology/Surveying.	Cartographers and Photogrammetrists	17-1021
		Surveying and Mapping Technicians	17-3031
		Surveyors	17-1022
15.1201	Computer Engineering Technology/Technician.	Electrical and Electronic Engineering Technicians	17-3023
15.1202	Computer Technology/Computer Systems Technology.	Electrical and Electronic Engineering Technicians	17-3023
15.1301	Drafting and Design Technology/Technician, General.	Architectural and Civil Drafters	17-3011
		Drafters, All Other	17-3019
15.1302	CAD/CADD Drafting and/or Design Technology/Technician.	Architectural and Civil Drafters	17-3011
15.1303	Architectural Drafting and Architectural CAD/CADD.	Architectural and Civil Drafters	17-3011

Comptroller Approved Training Programs for High-Demand Occupations
 Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
 Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD.	Mechanical Drafters	17-3013
41.0101	Biology Technician/Biotechnology Laboratory Technician.	Biological Technicians	19-4021
41.0301	Chemical Technology/Technician.	Chemical Equipment Operators and Tenders	51-9011
		Chemical Plant and System Operators	51-8091
		Chemical Technicians	19-4031
46.0101	Mason/Masonry.	Brickmasons and Blockmasons	47-2021
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011
		Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	47-3011
		Stonemasons	47-2022
		Tile and Marble Setters	47-2044
46.0201	Carpentry/Carpenter.	Carpenters	47-2031
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011
		Helpers--Carpenters	47-3012
46.0301	Electrical and Power Transmission Installation/Installer, General.	Electrical Power-Line Installers and Repairers	49-9051
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
46.0302	Electrician.		
		Electricians	47-2111
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011
		Helpers--Electricians	47-3013
		Security and Fire Alarm Systems Installers	49-2098
		Signal and Track Switch Repairers	49-9097
46.0303	Lineworker.		
		Electrical Power-Line Installers and Repairers	49-9051
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011
46.0401	Building/Property Maintenance and Management.		
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011
46.0412	Building/Construction Site Management/Manager.		
		First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011
		Maintenance and Repair Workers, General	49-9042
		Manufactured Building and Mobile Home Installers	49-9095
46.0502	Pipefitting/Pipefitter and Sprinkler Fitter.		
		Plumbers, Pipefitters, and Steamfitters	47-2152
47.0104	Computer Installation and Repair Technology/Technician.		
		Computer, Automated Teller, and Office Machine Repairers	49-2011
		Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
47.0105	Industrial Electronics Technology/Technician.		
		Coil Winders, Tapers, and Finishers	51-2021
		Electrical and Electronic Equipment Assemblers	51-2022
		Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094
		Semiconductor Processors	51-9141
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician (HAC, HACR, HVAC, HVACR).		
		Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021
47.0302	Heavy Equipment Maintenance Technology/Technician.		
		Engine and Other Machine Assemblers	51-2031
		Mobile Heavy Equipment Mechanics, Except Engines	49-3042
		Rail Car Repairers	49-3043
47.0303	Industrial Mechanics and Maintenance Technology.		
		Elevator Installers and Repairers	47-4021
		Engine and Other Machine Assemblers	51-2031
		Helpers--Installation, Maintenance, and Repair Workers	49-9098
		Industrial Machinery Mechanics	49-9041
		Maintenance Workers, Machinery	49-9043
		Millwrights	49-9044
		Refractory Materials Repairers, Except Brickmasons	49-9045
		Textile Cutting Machine Setters, Operators, and Tenders	51-6062
		Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-6063
		Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	51-6064

Comptroller Approved Training Programs for High-Demand Occupations
 Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
 Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
47.0603	Autobody/Collision and Repair Technology/Technician.		
		Automotive Body and Related Repairers	49-3021
		Automotive Glass Installers and Repairers	49-3022
		Automotive Service Technicians and Mechanics	49-3023
		Painters, Transportation Equipment	51-9122
47.0604	Automobile/Automotive Mechanics Technology/Technician.		
		Automotive Service Technicians and Mechanics	49-3023
		Electronic Equipment Installers and Repairers, Motor Vehicles	49-2096
47.0605	Diesel Mechanics Technology/Technician.		
		Bus and Truck Mechanics and Diesel Engine Specialists	49-3031
47.0606	Small Engine Mechanics and Repair Technology/Technician.		
		Motorboat Mechanics	49-3051
		Outdoor Power Equipment and Other Small Engine Mechanics	49-3053
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician.		
		Aircraft Mechanics and Service Technicians	49-3011
		Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-2011
		Avionics Technicians	49-2091
47.0608	Aircraft Powerplant Technology/Technician.		
		Aircraft Mechanics and Service Technicians	49-3011
		Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-2011

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
48.0501	Machine Tool Technology/Machinist.		
	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic		51-4031
	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic		51-4032
	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic		51-4021
	Forging Machine Setters, Operators, and Tenders, Metal and Plastic		51-4022
	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal/Plastic		51-4033
	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic		51-4191
	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal/ Plastic		51-4034
	Lay-Out Workers, Metal and Plastic		51-4192
	Machinists		51-4041
	Metal Workers and Plastic Workers, All Other		51-4199
	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic		51-4035
	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic		51-4081
	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic		51-4023

Comptroller Approved Training Programs for High-Demand Occupations
 Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
 Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
48.0503	Machine Shop Technology/Assistant.		
		Computer-Controlled Machine Tool Operators, Metal and Plastic	51-4011
		Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal/Plastic	51-4033
		Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-4191
		Lay-Out Workers, Metal and Plastic	51-4192
		Machinists	51-4041
		Metal Workers and Plastic Workers, All Other	51-4199
		Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4081
		Structural Metal Fabricators and Fitters	51-2041
		Tool Grinders, Filers, and Sharpeners	51-4194
48.0507	Tool and Die Technology/Technician.		
		Tool and Die Makers	51-4111
48.0508	Welding Technology/Welder.		
		Welders, Cutters, Solderers, and Brazers	51-4121
51.0601	Dental Assisting/Assistant.		
		Dental Assistants	31-9091
51.0602	Dental Hygiene/Hygienist.		
		Dental Hygienists	29-2021
51.0603	Dental Laboratory Technology/Technician.		
		Dental Laboratory Technicians	51-9081

Comptroller Approved Training Programs for High-Demand Occupations
Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
51.0702	Hospital and Health Care Facilities Administration/Management.	Medical and Health Services Managers	11-9111
51.0707	Health Information/Medical Records Technology/Technician.	Medical Records and Health Information Technicians	29-2071
51.0708	Medical Transcription/Transcriptionist.	Medical Transcriptionists	31-9094
51.0713	Medical Insurance Coding Specialist/Coder.	Medical Assistants	31-9092
		Medical Records and Health Information Technicians	29-2071
51.0716	Medical Administrative/Executive Assistant and Medical Secretary.	Executive Secretaries and Administrative Assistants	43-6011
		Medical Assistants	31-9092
		Medical Secretaries	43-6013
51.0801	Medical/Clinical Assistant.	Medical Assistants	31-9092
		Medical Equipment Preparers	31-9093
51.0803	Occupational Therapist Assistant.	Occupational Therapist Aides	31-2012
		Occupational Therapist Assistants	31-2011
51.0805	Pharmacy Technician/Assistant.	Pharmacy Aides	31-9095
		Pharmacy Technicians	29-2052
51.0806	Physical Therapist Assistant.	Physical Therapist Aides	31-2022
		Physical Therapist Assistants	31-2021

Comptroller Approved Training Programs for High-Demand Occupations
 Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
 Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code	Annual
51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.			
		Veterinary Assistants and Laboratory Animal Caretakers	31-9096	
		Veterinary Technologists and Technicians	29-2056	
51.0901	Cardiovascular Technology/Technologist.			
		Cardiovascular Technologists and Technicians	29-2031	
51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist.			
		Health Technologists and Technicians, All Other	29-2099	
51.0904	Emergency Medical Technology/Technician (EMT Paramedic).			
		Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-3011	
		Emergency Medical Technicians and Paramedics	29-2041	
51.0905	Nuclear Medical Technology/Technologist.			
		Nuclear Medicine Technologists	29-2033	
51.0907	Medical Radiologic Technology/Science - Radiation Therapist.			
		Radiation Therapists	29-1124	
		Radiologic Technologists and Technicians	29-2034	
51.0908	Respiratory Care Therapy/Therapist.			
		Respiratory Therapists	29-1126	
		Respiratory Therapy Technicians	29-2054	
51.0909	Surgical Technology/Technologist.			
		Surgical Technologists	29-2055	
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.			
		Diagnostic Medical Sonographers	29-2032	
51.0911	Radiologic Technology/Science - Radiographer.			
		Radiologic Technologists and Technicians	29-2034	

Comptroller Approved Training Programs for High-Demand Occupations
 Occupation Crosswalk: Approved Programs and TWC Long-Term Occupation Projections (August 19, 2009)
 Source: <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>

CIP	Title	Occupational Title	SOC Code
51.0916	Radiation Protection/Health Physics Technician.		
		Nuclear Medicine Technologists	29-2033
		Nuclear Technicians	19-4051
51.1004	Clinical/Medical Laboratory Technician.		
		Medical and Clinical Laboratory Technicians	29-2012
51.1005	Clinical Laboratory Science/Medical Technology/Technologist.		
		Medical and Clinical Laboratory Technologists	29-2011
51.1008	Histologic Technician.		
		Medical and Clinical Laboratory Technicians	29-2012
51.1009	Phlebotomy/Phlebotomist.		
		Health Diagnosing and Treating Practitioners, All Other	29-1199
51.1502	Psychiatric/Mental Health Services Technician.		
		Psychiatric Aides	31-1013
		Psychiatric Technicians	29-2053
51.1601	Nursing/Registered Nurse (RN, ASN, BSN, MSN).		
		Registered Nurses	29-1111
51.1613	Licensed Practical/Vocational Nurse Training (LPN, LVN, Cert.		
		Licensed Practical and Licensed Vocational Nurses	29-2061
51.1614	Nurse/Nursing Assistant/Aide and Patient Care Assistant.		
		Nursing Aides, Orderlies, and Attendants	31-1012
51.1801	Opticianry/Ophthalmic Dispensing Optician.		
		Opticians, Dispensing	29-2081
51.1802	Optometric Technician/Assistant.		
		Medical Assistants	31-9092
51.3104	Dietitian Assistant.		
		Dietetic Technicians	29-2051