

Summary of Results

Local Workforce Development Boards		Occupational Areas of Concern
Workforce Region 1	CareerSource Escarosa	17
Workforce Region 2	CareerSource Okaloosa Walton	51
Workforce Region 3	CareerSource Chipola	3
Workforce Region 4	CareerSource Gulf Coast	12
Workforce Region 5	CareerSource Capital Region	12
Workforce Region 6	CareerSource North Florida	5
Workforce Region 8	CareerSource Northeast Florida	80
Workforce Region 10	CareerSource Citrus Levy Marion	37
Workforce Region 12	CareerSource Central Florida	142
Workforce Region 16	CareerSource Pasco Hernando	98
Workforce Region 17	CareerSource Polk	162
Workforce Region 18	CareerSource Suncoast	80
Workforce Region 19	CareerSource Heartland	4
Workforce Region 20	CareerSource Research Coast	79
Workforce Region 21	CareerSource Palm Beach County	23
Workforce Region 22	CareerSource Broward	23
Workforce Region 23	CareerSource South Florida	28
Workforce Region 24	CareerSource Southwest Florida	64
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Workforce Region 27	CareerSource Brevard Flagler Volusia	41
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Workforce Region 1 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
	35-2013	Cooks, Private Household
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
Bachelor's degree	25-2057	Special Education Teachers, Middle School
	25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors
	29-1141	Registered Nurses
Master's degree	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
Doctoral or professional degree	29-1215	Family Medicine Physicians

Workforce Region 2 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
	47-2151	Pipelayers
	47-2161	Plasterers and Stucco Masons
	47-2181	Roofers
High school diploma or equivalent	27-1023	Floral Designers
	31-1120	Home Health and Personal Care Aides
	43-5011	Cargo and Freight Agents
	47-2071	Paving, Surfacing, and Tamping Equipment Operators
	47-4090	Miscellaneous Construction and Related Workers
	51-5112	Printing Press Operators
	51-9198	Helpers--Production Workers
	53-2031	Flight Attendants
	53-3052	Bus Drivers, Transit and Intercity
	53-6032	Aircraft Service Attendants
Some college, no degree	27-2011	Actors
	33-1099	First-Line Supervisors of Protective Service Workers, All Other
	43-4121	Library Assistants, Clerical
Postsecondary nondegree award	29-2042	Emergency Medical Technicians
	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	29-9093	Surgical Assistants
	31-1131	Nursing Assistants
	49-2098	Security and Fire Alarm Systems Installers
	51-9161	Computer Numerically Controlled Tool Operators
Associate's degree	17-3021	Aerospace Engineering and Operations Technologists and Technicians
	19-4042	Environmental Science and Protection Technicians, Including Health
	25-4031	Library Technicians
	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
	31-2011	Occupational Therapy Assistants
	49-2091	Avionics Technicians
Bachelor's degree	19-2031	Chemists
	19-4099	Life, Physical, and Social Science Technicians, All Other
	21-1091	Health Education Specialists
	21-1099	Community and Social Service Specialists, All Other
	25-2057	Special Education Teachers, Middle School
	27-1011	Art Directors
	27-3041	Editors
	29-1129	Therapists, All Other
	29-1141	Registered Nurses
	33-1091	First-Line Supervisors of Security Workers
Master's degree	21-1015	Rehabilitation Counselors
	21-2011	Clergy
	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
Doctoral or professional degree	19-3033	Clinical and Counseling Psychologists
	25-1022	Mathematical Science Teachers, Postsecondary
	25-1123	English Language and Literature Teachers, Postsecondary
	29-1215	Family Medicine Physicians

Workforce Region 3 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Some college, no degree	37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers

Workforce Region 4 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	31-1131	Nursing Assistants
	49-2098	Security and Fire Alarm Systems Installers
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
	29-2035	Magnetic Resonance Imaging Technologists
Bachelor's degree	29-1141	Registered Nurses
Master's degree	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners

Workforce Region 5 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
	47-2181	Roofers
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	31-1131	Nursing Assistants
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
Bachelor's degree	29-1125	Recreational Therapists
	29-1141	Registered Nurses
Master's degree	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners

Workforce Region 6 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Some college, no degree	37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers
Postsecondary nondegree award	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers
Master's degree	29-1171	Nurse Practitioners

Workforce Region 8 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	37-3019	Grounds Maintenance Workers, All Other	
	39-3091	Amusement and Recreation Attendants	
	45-2091	Agricultural Equipment Operators	
	47-2082	Tapers	
	47-3016	Helpers--Roofers	
	51-6051	Sewers, Hand	
	51-9022	Grinding and Polishing Workers, Hand	
High school diploma or equivalent	27-2031	Dancers	
	31-1120	Home Health and Personal Care Aides	
	33-3041	Parking Enforcement Workers	
	39-5093	Shampooers	
	43-5041	Meter Readers, Utilities	
	45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	
	45-4022	Logging Equipment Operators	
	47-2011	Boilermakers	
	47-2022	Stonemasons	
	47-2072	Pile Driver Operators	
	47-4061	Rail-Track Laying and Maintenance Equipment Operators	
	49-3041	Farm Equipment Mechanics and Service Technicians	
	49-3091	Bicycle Repairers	
	49-9069	Precision Instrument and Equipment Repairers, All Other	
	49-9097	Signal and Track Switch Repairers	
	51-3093	Food Cooking Machine Operators and Tenders	
	51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	
	51-4051	Metal-Refining Furnace Operators and Tenders	
	51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	
	51-6099	Textile, Apparel, and Furnishings Workers, All Other	
	51-8012	Power Distributors and Dispatchers	
	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	
	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	
53-6099	Transportation Workers, All Other		
Some college, no degree	27-1019	Artists and Related Workers, All Other	
	27-2011	Actors	
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	31-1131	Nursing Assistants	
	33-9011	Animal Control Workers	
	35-2013	Cooks, Private Household	
	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	
	51-4111	Tool and Die Makers	
	51-8099	Plant and System Operators, All Other	
	Associate's degree	17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians
		17-3025	Environmental Engineering Technologists and Technicians
17-3028		Calibration Technologists and Technicians	
19-4013		Food Science Technicians	
27-4014		Sound Engineering Technicians	
27-4015		Lighting Technicians	
27-4099		Media and Communication Equipment Workers, All Other	
29-2031		Cardiovascular Technologists and Technicians	
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
49-2021		Radio, Cellular, and Tower Equipment Installers and Repairers	
51-9162		Computer Numerically Controlled Tool Programmers	
Bachelor's degree		11-9161	Emergency Management Directors
	15-2099	Mathematical Science Occupations, All Other	
	17-1021	Cartographers and Photogrammetrists	
	17-2131	Materials Engineers	
	19-1013	Soil and Plant Scientists	
	19-1031	Conservation Scientists	
	19-1032	Foresters	
	19-2021	Atmospheric and Space Scientists	
	19-2099	Physical Scientists, All Other	
	29-1125	Recreational Therapists	
	29-1141	Registered Nurses	
	33-3031	Fish and Game Wardens	
	45-2011	Agricultural Inspectors	

Workforce Region 8 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
Master's degree	15-2041	Statisticians
	19-3011	Economists
	19-3091	Anthropologists and Archeologists
	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
	29-1299	Healthcare Diagnosing or Treating Practitioners, All Other
	29-2091	Orthotists and Prosthetists
	19-1021	Biochemists and Biophysicists
	19-2011	Astronomers
Doctoral or professional degree	19-3032	Industrial-Organizational Psychologists
	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers
	29-1023	Orthodontists
	29-1215	Family Medicine Physicians

Workforce Region 10 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	39-3091	Amusement and Recreation Attendants	
	53-3054	Taxi Drivers	
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides	
	39-4012	Crematory Operators	
	39-6012	Concierges	
	45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	
	49-3041	Farm Equipment Mechanics and Service Technicians	
	53-3052	Bus Drivers, Transit and Intercity	
Some college, no degree	53-7021	Crane and Tower Operators	
	27-2011	Actors	
	27-2099	Entertainers and Performers, Sports and Related Workers, All Other	
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	29-9021	Health Information Technologists and Medical Registrars	
	31-1131	Nursing Assistants	
	31-9094	Medical Transcriptionists	
	35-2013	Cooks, Private Household	
	49-2098	Security and Fire Alarm Systems Installers	
	49-9031	Home Appliance Repairers	
	Associate's degree	15-1255	Web and Digital Interface Designers
		29-2031	Cardiovascular Technologists and Technicians
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
Bachelor's degree	11-9121	Natural Sciences Managers	
	13-2031	Budget Analysts	
	15-1242	Database Administrators	
	21-1091	Health Education Specialists	
	27-3041	Editors	
	29-1141	Registered Nurses	
	33-3031	Fish and Game Wardens	
	Master's degree	19-3051	Urban and Regional Planners
29-1071		Physician Assistants	
29-1151		Nurse Anesthetists	
29-1171		Nurse Practitioners	
Doctoral or professional degree	29-1213	Dermatologists	
	29-1215	Family Medicine Physicians	
	29-1216	General Internal Medicine Physicians	

Workforce Region 12 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	35-2019	Cooks, All Other	
	39-3091	Amusement and Recreation Attendants	
	45-2099	Agricultural Workers, All Other	
	47-2043	Floor Sanders and Finishers	
	47-2082	Tapers	
	47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	
	47-3016	Helpers--Roofers	
	51-3099	Food Processing Workers, All Other	
	51-6051	Sewers, Hand	
	51-9022	Grinding and Polishing Workers, Hand	
	51-9031	Cutters and Trimmers, Hand	
	High school diploma or equivalent	53-7011	Conveyor Operators and Tenders
		53-7121	Tank Car, Truck, and Ship Loaders
		11-9131	Postmasters and Mail Superintendents
		31-1120	Home Health and Personal Care Aides
		33-3011	Bailiffs
		33-3041	Parking Enforcement Workers
		39-4012	Crematory Operators
		39-5093	Shampooers
		45-4022	Logging Equipment Operators
		47-2011	Boilermakers
47-2022		Stonemasons	
47-2072		Pile Driver Operators	
47-4061		Rail-Track Laying and Maintenance Equipment Operators	
47-5032		Explosives Workers, Ordnance Handling Experts, and Blasters	
47-5081		Helpers--Extraction Workers	
49-3043		Rail Car Repairers	
49-3052		Motorcycle Mechanics	
49-9069		Precision Instrument and Equipment Repairers, All Other	
49-9096		Riggers	
49-9097		Signal and Track Switch Repairers	
51-2031		Engine and Other Machine Assemblers	
51-4022		Forging Machine Setters, Operators, and Tenders, Metal and Plastic	
51-4023		Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	
51-4034		Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	
51-4051		Metal-Refining Furnace Operators and Tenders	
51-4193		Plating Machine Setters, Operators, and Tenders, Metal and Plastic	
51-6041		Shoe and Leather Workers and Repairers	
51-6062		Textile Cutting Machine Setters, Operators, and Tenders	
51-6064		Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	
51-6091		Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	
51-6099		Textile, Apparel, and Furnishings Workers, All Other	
51-7099		Woodworkers, All Other	
51-8012		Power Distributors and Dispatchers	
51-8092		Gas Plant Operators	
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers		
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders		
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders		
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders		
51-9194	Etchers and Engravers		
Some college, no degree	53-1041	Aircraft Cargo Handling Supervisors	
	53-4011	Locomotive Engineers	
	53-4099	Rail Transportation Workers, All Other	
	53-6011	Bridge and Lock Tenders	
	53-6051	Transportation Inspectors	
53-6099	Transportation Workers, All Other		
53-7071	Gas Compressor and Gas Pumping Station Operators		
53-7072	Pump Operators, Except Wellhead Pumpers		
27-1019	Artists and Related Workers, All Other		
27-2011	Actors		
27-2032	Choreographers		

Workforce Region 12 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
Postsecondary nondegree award	29-2036	Medical Dosimetrists	
	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	29-9099	Healthcare Practitioners and Technical Workers, All Other	
	31-1131	Nursing Assistants	
	31-2022	Physical Therapist Aides	
	33-9011	Animal Control Workers	
	35-2013	Cooks, Private Household	
	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	
	49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	
	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	
	51-8099	Plant and System Operators, All Other	
	51-9082	Medical Appliance Technicians	
	53-5031	Ship Engineers	
	Associate's degree	17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians
		17-3025	Environmental Engineering Technologists and Technicians
		17-3027	Mechanical Engineering Technologists and Technicians
		17-3028	Calibration Technologists and Technicians
		19-4012	Agricultural Technicians
		19-4043	Geological Technicians, Except Hydrologic Technicians
27-4099		Media and Communication Equipment Workers, All Other	
29-2031		Cardiovascular Technologists and Technicians	
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
39-4011		Embalmers	
49-2021		Radio, Cellular, and Tower Equipment Installers and Repairers	
51-9162		Computer Numerically Controlled Tool Programmers	
53-6041		Traffic Technicians	
Bachelor's degree		11-2033	Fundraising Managers
	11-9161	Emergency Management Directors	
	15-2099	Mathematical Science Occupations, All Other	
	17-1021	Cartographers and Photogrammetrists	
	17-2031	Bioengineers and Biomedical Engineers	
	17-2121	Marine Engineers and Naval Architects	
	17-2131	Materials Engineers	
	17-2161	Nuclear Engineers	
	19-1012	Food Scientists and Technologists	
	19-1013	Soil and Plant Scientists	
	19-1032	Foresters	
	19-2021	Atmospheric and Space Scientists	
	19-2031	Chemists	
	19-2042	Geoscientists, Except Hydrologists and Geographers	
	19-2043	Hydrologists	
	19-2099	Physical Scientists, All Other	
	19-4061	Social Science Research Assistants	
	29-1125	Recreational Therapists	
	29-1129	Therapists, All Other	
	29-1141	Registered Nurses	
33-3031	Fish and Game Wardens		
43-9081	Proofreaders and Copy Markers		
45-2011	Agricultural Inspectors		

Workforce Region 12 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
Master's degree	15-2041	Statisticians	
	19-1022	Microbiologists	
	19-1023	Zoologists and Wildlife Biologists	
	19-3011	Economists	
	19-3022	Survey Researchers	
	19-3041	Sociologists	
	19-3091	Anthropologists and Archeologists	
	19-3093	Historians	
	19-3094	Political Scientists	
	29-1071	Physician Assistants	
	29-1151	Nurse Anesthetists	
	29-1161	Nurse Midwives	
	29-1171	Nurse Practitioners	
	29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	
	29-2091	Orthotists and Prosthetists	
	Doctoral or professional degree	19-1021	Biochemists and Biophysicists
		19-1041	Epidemiologists
19-2011		Astronomers	
19-3032		Industrial-Organizational Psychologists	
19-3033		Clinical and Counseling Psychologists	
23-1012		Judicial Law Clerks	
23-1021		Administrative Law Judges, Adjudicators, and Hearing Officers	
25-1053		Environmental Science Teachers, Postsecondary	
25-1062		Area, Ethnic, and Cultural Studies Teachers, Postsecondary	
29-1022		Oral and Maxillofacial Surgeons	
29-1023		Orthodontists	
29-1029		Dentists, All Other Specialists	
29-1215		Family Medicine Physicians	
29-1217		Neurologists	
29-1218		Obstetricians and Gynecologists	

Workforce Region 16 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	39-3091	Amusement and Recreation Attendants	
	41-9011	Demonstrators and Product Promoters	
	47-2041	Carpet Installers	
	47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	
	47-4031	Fence Erectors	
	51-6052	Tailors, Dressmakers, and Custom Sewers	
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides	
	31-1133	Psychiatric Aides	
	39-4012	Crematory Operators	
	39-5093	Shampooers	
	39-6011	Baggage Porters and Bellhops	
	43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	
	43-5041	Meter Readers, Utilities	
	43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	
	47-2131	Insulation Workers, Floor, Ceiling, and Wall	
	47-2231	Solar Photovoltaic Installers	
	47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	
	47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	
	47-5023	Earth Drillers, Except Oil and Gas	
	49-3092	Recreational Vehicle Service Technicians	
	49-9011	Mechanical Door Repairers	
	49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	
	49-9094	Locksmiths and Safe Repairers	
	51-2041	Structural Metal Fabricators and Fitters	
	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	
	51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	
	51-7021	Furniture Finishers	
	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	
	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	
	51-9071	Jewelers and Precious Stone and Metal Workers	
	51-9083	Ophthalmic Laboratory Technicians	
	51-9123	Painting, Coating, and Decorating Workers	
	53-7021	Crane and Tower Operators	
Some college, no degree	27-2011	Actors	
	43-3099	Financial Clerks, All Other	
	43-4011	Brokerage Clerks	
	43-4121	Library Assistants, Clerical	
	27-3092	Court Reporters and Simultaneous Captioners	
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	29-9099	Healthcare Practitioners and Technical Workers, All Other	
	31-1131	Nursing Assistants	
	35-2013	Cooks, Private Household	
	47-4021	Elevator and Escalator Installers and Repairers	
	49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	
	53-2012	Commercial Pilots	
	Associate's degree	17-3013	Mechanical Drafters
		17-3022	Civil Engineering Technologists and Technicians
17-3026		Industrial Engineering Technologists and Technicians	
19-4042		Environmental Science and Protection Technicians, Including Health	
29-1124		Radiation Therapists	
29-2031		Cardiovascular Technologists and Technicians	
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
29-2051		Dietetic Technicians	
39-4031		Morticians, Undertakers, and Funeral Arrangers	
49-3011		Aircraft Mechanics and Service Technicians	

Workforce Region 16 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
Bachelor's degree	11-3131	Training and Development Managers	
	11-9072	Entertainment and Recreation Managers, Except Gambling	
	11-9161	Emergency Management Directors	
	13-1131	Fundraisers	
	13-2031	Budget Analysts	
	13-2054	Financial Risk Specialists	
	13-2061	Financial Examiners	
	13-2071	Credit Counselors	
	17-1012	Landscape Architects	
	17-2061	Computer Hardware Engineers	
	19-1029	Biological Scientists, All Other	
	19-4021	Biological Technicians	
	19-4099	Life, Physical, and Social Science Technicians, All Other	
	21-1094	Community Health Workers	
	25-2051	Special Education Teachers, Preschool	
	25-2052	Special Education Teachers, Kindergarten and Elementary School	
	25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	
	27-1014	Special Effects Artists and Animators	
	27-2041	Music Directors and Composers	
	27-3042	Technical Writers	
	27-4031	Camera Operators, Television, Video, and Film	
	27-4032	Film and Video Editors	
	29-1141	Registered Nurses	
	33-1091	First-Line Supervisors of Security Workers	
	41-9031	Sales Engineers	
	Master's degree	25-9021	Farm and Home Management Educators
		29-1071	Physician Assistants
		29-1128	Exercise Physiologists
		29-1151	Nurse Anesthetists
		29-1171	Nurse Practitioners
		29-1291	Acupuncturists
	Doctoral or professional degree	19-3033	Clinical and Counseling Psychologists
		29-1081	Podiatrists
		29-1212	Cardiologists
		29-1215	Family Medicine Physicians
		29-1221	Pediatricians, General
29-1222		Physicians, Pathologists	
29-1223		Psychiatrists	
29-1224		Radiologists	
29-1241		Ophthalmologists, Except Pediatric	
29-1242		Orthopedic Surgeons, Except Pediatric	

Workforce Region 17 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	35-9099	Food Preparation and Serving Related Workers, All Other	
	37-2019	Building Cleaning Workers, All Other	
	39-3091	Amusement and Recreation Attendants	
	45-2091	Agricultural Equipment Operators	
	47-2041	Carpet Installers	
	47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	
	47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	
	47-3016	Helpers--Roofers	
	47-4031	Fence Erectors	
	51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	
	51-3099	Food Processing Workers, All Other	
	51-6021	Pressers, Textile, Garment, and Related Materials	
	53-7011	Conveyor Operators and Tenders	
	53-7121	Tank Car, Truck, and Ship Loaders	
	53-7199	Material Moving Workers, All Other	
	High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
		31-1132	Orderlies
		31-1133	Psychiatric Aides
		31-9093	Medical Equipment Preparers
		31-9099	Healthcare Support Workers, All Other
		33-3012	Correctional Officers and Jailers
		33-9093	Transportation Security Screeners
33-9099		Protective Service Workers, All Other	
39-4021		Funeral Attendants	
39-6011		Baggage Porters and Bellhops	
39-7010		Tour and Travel Guides	
43-4181		Reservation and Transportation Ticket Agents and Travel Clerks	
43-5011		Cargo and Freight Agents	
43-5041		Meter Readers, Utilities	
43-9051		Mail Clerks and Mail Machine Operators, Except Postal Service	
45-4023		Log Graders and Scalars	
47-2131		Insulation Workers, Floor, Ceiling, and Wall	
47-2132		Insulation Workers, Mechanical	
47-2171		Reinforcing Iron and Rebar Workers	
47-4051		Highway Maintenance Workers	
47-5081		Helpers--Extraction Workers	
49-3041		Farm Equipment Mechanics and Service Technicians	
49-3092		Recreational Vehicle Service Technicians	
49-9011		Mechanical Door Repairers	
51-2028		Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	
51-2031		Engine and Other Machine Assemblers	
51-3093		Food Cooking Machine Operators and Tenders	
51-4021		Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	
51-4033		Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and f	
51-4081		Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	
51-4199		Metal Workers and Plastic Workers, All Other	
51-6093		Upholsterers	
51-7021		Furniture Finishers	
51-7041		Sawing Machine Setters, Operators, and Tenders, Wood	
51-7099		Woodworkers, All Other	
51-9021		Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	
51-9071		Jewelers and Precious Stone and Metal Workers	
51-9083		Ophthalmic Laboratory Technicians	
51-9123		Painting, Coating, and Decorating Workers	
51-9192		Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	
53-3052		Bus Drivers, Transit and Intercity	
53-4031		Railroad Conductors and Yardmasters	
53-6032		Aircraft Service Attendants	
53-6051		Transportation Inspectors	
53-7021		Crane and Tower Operators	
53-7072		Pump Operators, Except Wellhead Pumps	
Some college, no degree		27-1012	Craft Artists
	27-2011	Actors	
	33-1099	First-Line Supervisors of Protective Service Workers, All Other	
	33-3021	Detectives and Criminal Investigators	
	43-4011	Brokerage Clerks	
	43-4121	Library Assistants, Clerical	

Workforce Region 17 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
Postsecondary nondegree award	19-5012	Occupational Health and Safety Technicians	
	27-3092	Court Reporters and Simultaneous Captioners	
	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	29-9099	Healthcare Practitioners and Technical Workers, All Other	
	31-1131	Nursing Assistants	
	35-2013	Cooks, Private Household	
	49-2011	Computer, Automated Teller, and Office Machine Repairers	
	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	
	49-2097	Audiovisual Equipment Installers and Repairers	
	49-2098	Security and Fire Alarm Systems Installers	
	49-9044	Millwrights	
	49-9092	Commercial Divers	
	51-4111	Tool and Die Makers	
	51-5111	Prepress Technicians and Workers	
	51-8013	Power Plant Operators	
	53-5021	Captains, Mates, and Pilots of Water Vessels	
	Associate's degree	15-1255	Web and Digital Interface Designers
		17-3013	Mechanical Drafters
		17-3019	Drafters, All Other
		17-3023	Electrical and Electronic Engineering Technologists and Technicians
		17-3026	Industrial Engineering Technologists and Technicians
		19-4013	Food Science Technicians
		19-4031	Chemical Technicians
		19-4042	Environmental Science and Protection Technicians, Including Health
25-4031		Library Technicians	
29-1124		Radiation Therapists	
29-2031		Cardiovascular Technologists and Technicians	
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
29-2051		Dietetic Technicians	
39-4031		Morticians, Undertakers, and Funeral Arrangers	
49-2091		Avionics Technicians	
49-3011		Aircraft Mechanics and Service Technicians	
49-9062		Medical Equipment Repairers	
Bachelor's degree		11-2011	Advertising and Promotions Managers
		11-2032	Public Relations Managers
		11-3111	Compensation and Benefits Managers
		11-9072	Entertainment and Recreation Managers, Except Gambling
		11-9179	Personal Service Managers, All Other
		13-1041	Compliance Officers
		13-1075	Labor Relations Specialists
	13-1131	Fundraisers	
	13-2041	Credit Analysts	
	13-2054	Financial Risk Specialists	
	13-2061	Financial Examiners	
	13-2081	Tax Examiners and Collectors, and Revenue Agents	
	15-1243	Database Architects	
	15-2011	Actuaries	
	17-1011	Architects, Except Landscape and Naval	
	17-1012	Landscape Architects	
	17-1022	Surveyors	
	17-2061	Computer Hardware Engineers	
	17-2072	Electronics Engineers, Except Computer	
	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	
	19-1029	Biological Scientists, All Other	
	19-2031	Chemists	
	19-2041	Environmental Scientists and Specialists, Including Health	
	19-3099	Social Scientists and Related Workers, All Other	
	21-1094	Community Health Workers	
	21-2021	Directors, Religious Activities and Education	
	21-2099	Religious Workers, All Other	
	27-1011	Art Directors	
	27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	
	27-1014	Special Effects Artists and Animators	
	27-1021	Commercial and Industrial Designers	
	27-1027	Set and Exhibit Designers	
	27-1029	Designers, All Other	
	27-2041	Music Directors and Composers	
	27-2091	Disc Jockeys, Except Radio	
27-3041	Editors		
27-3091	Interpreters and Translators		
27-4031	Camera Operators, Television, Video, and Film		
27-4032	Film and Video Editors		
29-1129	Therapists, All Other		
29-1141	Registered Nurses		
29-9091	Athletic Trainers		

Workforce Region 17 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
Master's degree	25-9021	Farm and Home Management Educators
	29-1071	Physician Assistants
	29-1128	Exercise Physiologists
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
	29-1291	Acupuncturists
Doctoral or professional degree	19-3033	Clinical and Counseling Psychologists
	19-3039	Psychologists, All Other
	23-1012	Judicial Law Clerks
	23-1023	Judges, Magistrate Judges, and Magistrates
	29-1011	Chiropractors
	29-1212	Cardiologists
	29-1215	Family Medicine Physicians
	29-1221	Pediatricians, General
	29-1223	Psychiatrists
	29-1224	Radiologists
	29-1241	Ophthalmologists, Except Pediatric
	29-1242	Orthopedic Surgeons, Except Pediatric

Workforce Region 18 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	35-2019	Cooks, All Other	
	37-2019	Building Cleaning Workers, All Other	
	39-3091	Amusement and Recreation Attendants	
	45-2091	Agricultural Equipment Operators	
	47-3016	Helpers--Roofers	
	51-3099	Food Processing Workers, All Other	
	53-7199	Material Moving Workers, All Other	
	High school diploma or equivalent	27-2031	Dancers
		31-1120	Home Health and Personal Care Aides
31-1133		Psychiatric Aides	
39-3093		Locker Room, Coatroom, and Dressing Room Attendants	
39-4012		Crematory Operators	
47-2132		Insulation Workers, Mechanical	
47-2171		Reinforcing Iron and Rebar Workers	
47-4041		Hazardous Materials Removal Workers	
47-4071		Septic Tank Servicers and Sewer Pipe Cleaners	
47-5023		Earth Drillers, Except Oil and Gas	
49-2092		Electric Motor, Power Tool, and Related Repairers	
49-3052		Motorcycle Mechanics	
49-3091		Bicycle Repairers	
49-9043		Maintenance Workers, Machinery	
49-9094		Locksmiths and Safe Repairers	
51-3093		Food Cooking Machine Operators and Tenders	
51-4199		Metal Workers and Plastic Workers, All Other	
51-7042		Woodworking Machine Setters, Operators, and Tenders, Except Sawing	
51-9083		Ophthalmic Laboratory Technicians	
53-6032		Aircraft Service Attendants	
Some college, no degree	27-1012	Craft Artists	
	27-2011	Actors	
	27-2023	Umpires, Referees, and Other Sports Officials	
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	29-9099	Healthcare Practitioners and Technical Workers, All Other	
	31-1131	Nursing Assistants	
	35-2013	Cooks, Private Household	
	49-2098	Security and Fire Alarm Systems Installers	
	49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	
	49-9044	Millwrights	
	51-4111	Tool and Die Makers	
	51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	
Associate's degree	17-3021	Aerospace Engineering and Operations Technologists and Technicians	
	17-3027	Mechanical Engineering Technologists and Technicians	
	17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	
	19-4031	Chemical Technicians	
	23-2099	Legal Support Workers, All Other	
	27-4015	Lighting Technicians	
	29-1124	Radiation Therapists	
	29-2031	Cardiovascular Technologists and Technicians	
	29-2033	Nuclear Medicine Technologists	
	29-2035	Magnetic Resonance Imaging Technologists	
	39-4031	Morticians, Undertakers, and Funeral Arrangers	
	51-9162	Computer Numerically Controlled Tool Programmers	

Workforce Region 18 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
Bachelor's degree	11-2011	Advertising and Promotions Managers	
	11-3111	Compensation and Benefits Managers	
	11-9013	Farmers, Ranchers, and Other Agricultural Managers	
	13-1075	Labor Relations Specialists	
	15-2011	Actuaries	
	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	
	19-1031	Conservation Scientists	
	19-2031	Chemists	
	21-2021	Directors, Religious Activities and Education	
	27-2091	Disc Jockeys, Except Radio	
	29-1125	Recreational Therapists	
	29-1129	Therapists, All Other	
	29-1141	Registered Nurses	
	29-9091	Athletic Trainers	
	53-2011	Airline Pilots, Copilots, and Flight Engineers	
	Master's degree	29-1071	Physician Assistants
		29-1128	Exercise Physiologists
		29-1151	Nurse Anesthetists
		29-1171	Nurse Practitioners
	Doctoral or professional degree	23-1012	Judicial Law Clerks
23-1023		Judges, Magistrate Judges, and Magistrates	
29-1181		Audiologists	
29-1212		Cardiologists	
29-1215		Family Medicine Physicians	
29-1222		Physicians, Pathologists	
29-1224		Radiologists	
29-1241		Ophthalmologists, Except Pediatric	
29-1242	Orthopedic Surgeons, Except Pediatric		

Workforce Region 19 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Postsecondary nondegree award	35-2013	Cooks, Private Household
	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers

Workforce Region 20 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	39-3091	Amusement and Recreation Attendants	
	41-9011	Demonstrators and Product Promoters	
	47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	
	51-3099	Food Processing Workers, All Other	
	51-6021	Pressers, Textile, Garment, and Related Materials	
	51-9022	Grinding and Polishing Workers, Hand	
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides	
	39-5093	Shampooers	
	39-7010	Tour and Travel Guides	
	43-5041	Meter Readers, Utilities	
	45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	
	47-2132	Insulation Workers, Mechanical	
	47-4041	Hazardous Materials Removal Workers	
	47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	
	49-3041	Farm Equipment Mechanics and Service Technicians	
	49-3092	Recreational Vehicle Service Technicians	
	49-9011	Mechanical Door Repairers	
	49-9043	Maintenance Workers, Machinery	
	49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	
	51-7099	Woodworkers, All Other	
	51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	
	51-9071	Jewelers and Precious Stone and Metal Workers	
	51-9123	Painting, Coating, and Decorating Workers	
	53-2031	Flight Attendants	
	53-5011	Sailors and Marine Oilers	
	53-6032	Aircraft Service Attendants	
Some college, no degree	27-2011	Actors	
	43-3099	Financial Clerks, All Other	
Postsecondary nondegree award	27-3092	Court Reporters and Simultaneous Captioners	
	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	31-1131	Nursing Assistants	
	31-2022	Physical Therapist Aides	
	35-2013	Cooks, Private Household	
	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	
	49-2098	Security and Fire Alarm Systems Installers	
	49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	
	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	
	51-8013	Power Plant Operators	
	Associate's degree	17-3013	Mechanical Drafters
		17-3022	Civil Engineering Technologists and Technicians
		17-3026	Industrial Engineering Technologists and Technicians
19-4031		Chemical Technicians	
19-4042		Environmental Science and Protection Technicians, Including Health	
29-2031		Cardiovascular Technologists and Technicians	
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
53-2021		Air Traffic Controllers	
Bachelor's degree		11-3131	Training and Development Managers
	13-1075	Labor Relations Specialists	
	13-2071	Credit Counselors	
	17-2061	Computer Hardware Engineers	
	17-2121	Marine Engineers and Naval Architects	
	19-1031	Conservation Scientists	
	21-1094	Community Health Workers	
	21-2021	Directors, Religious Activities and Education	
	21-2099	Religious Workers, All Other	
	25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	
	27-1014	Special Effects Artists and Animators	
	27-1021	Commercial and Industrial Designers	
	27-1029	Designers, All Other	
	27-2041	Music Directors and Composers	
	27-4031	Camera Operators, Television, Video, and Film	
	27-4032	Film and Video Editors	
	29-1129	Therapists, All Other	
	29-1141	Registered Nurses	
	33-1091	First-Line Supervisors of Security Workers	

Workforce Region 20 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
Master's degree	19-1023	Zoologists and Wildlife Biologists
	25-9021	Farm and Home Management Educators
	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
	29-1291	Acupuncturists
Doctoral or professional degree	19-3033	Clinical and Counseling Psychologists
	23-1023	Judges, Magistrate Judges, and Magistrates
	29-1215	Family Medicine Physicians
	29-1222	Physicians, Pathologists
	29-1223	Psychiatrists
	29-1242	Orthopedic Surgeons, Except Pediatric

Workforce Region 21 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
	47-2082	Tapers
	47-3016	Helpers--Roofers
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
	39-4012	Crematory Operators
	39-5093	Shampooers
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
	35-2013	Cooks, Private Household
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
Bachelor's degree	11-9161	Emergency Management Directors
	15-2099	Mathematical Science Occupations, All Other
	29-1125	Recreational Therapists
	29-1141	Registered Nurses
Master's degree	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
	19-3032	Industrial-Organizational Psychologists
Doctoral or professional degree	29-1215	Family Medicine Physicians

Workforce Region 22 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
	47-2082	Tapers
	47-3016	Helpers--Roofers
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
	39-4012	Crematory Operators
	39-5093	Shampooers
	45-4023	Log Graders and Scalers
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
	35-2013	Cooks, Private Household
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
Bachelor's degree	15-2099	Mathematical Science Occupations, All Other
	29-1125	Recreational Therapists
	29-1141	Registered Nurses
Master's degree	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
Doctoral or professional degree	19-3032	Industrial-Organizational Psychologists
	29-1215	Family Medicine Physicians

Workforce Region 23 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
	47-2082	Tapers
	47-3016	Helpers--Roofers
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
	39-4012	Crematory Operators
	39-5093	Shampooers
	45-4023	Log Graders and Scalers
	53-4099	Rail Transportation Workers, All Other
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
	35-2013	Cooks, Private Household
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
Bachelor's degree	15-2099	Mathematical Science Occupations, All Other
	29-1125	Recreational Therapists
	29-1141	Registered Nurses
Master's degree	19-3093	Historians
	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
Doctoral or professional degree	19-2011	Astronomers
	19-3032	Industrial-Organizational Psychologists
	25-1113	Social Work Teachers, Postsecondary
	29-1215	Family Medicine Physicians
	29-1243	Pediatric Surgeons

Workforce Region 24 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title	
No formal educational credential	39-3091	Amusement and Recreation Attendants	
	47-2043	Floor Sanders and Finishers	
	47-2082	Tapers	
	47-3016	Helpers--Roofers	
	53-7011	Conveyor Operators and Tenders	
High school diploma or equivalent	27-2031	Dancers	
	31-1120	Home Health and Personal Care Aides	
	33-3011	Bailiffs	
	39-4012	Crematory Operators	
	39-5093	Shampooers	
	43-4141	New Accounts Clerks	
	47-2011	Boilermakers	
	47-2022	Stonemasons	
	47-2072	Pile Driver Operators	
	49-3091	Bicycle Repairers	
	51-2031	Engine and Other Machine Assemblers	
	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	
	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	
	51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	
	53-1041	Aircraft Cargo Handling Supervisors	
	53-4031	Railroad Conductors and Yardmasters	
	53-6051	Transportation Inspectors	
53-6061	Passenger Attendants		
53-7072	Pump Operators, Except Wellhead Pumpers		
Some college, no degree Postsecondary nondegree award	27-2011	Actors	
	29-2061	Licensed Practical and Licensed Vocational Nurses	
	29-2092	Hearing Aid Specialists	
	31-1131	Nursing Assistants	
	35-2013	Cooks, Private Household	
	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	
	49-2098	Security and Fire Alarm Systems Installers	
	51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	
	51-8013	Power Plant Operators	
	51-8099	Plant and System Operators, All Other	
	Associate's degree	17-3012	Electrical and Electronics Drafters
		17-3021	Aerospace Engineering and Operations Technologists and Technicians
		17-3027	Mechanical Engineering Technologists and Technicians
		27-4015	Lighting Technicians
		29-2031	Cardiovascular Technologists and Technicians
29-2033		Nuclear Medicine Technologists	
29-2035		Magnetic Resonance Imaging Technologists	
49-2021		Radio, Cellular, and Tower Equipment Installers and Repairers	
49-2091		Avionics Technicians	
51-9162		Computer Numerically Controlled Tool Programmers	
Bachelor's degree	11-2033	Fundraising Managers	
	11-9161	Emergency Management Directors	
	13-1011	Agents and Business Managers of Artists, Performers, and Athletes	
	15-2011	Actuaries	
	17-1021	Cartographers and Photogrammetrists	
	17-2011	Aerospace Engineers	
	17-2031	Bioengineers and Biomedical Engineers	
	19-2043	Hydrologists	
	19-3099	Social Scientists and Related Workers, All Other	
	19-4061	Social Science Research Assistants	
	29-1125	Recreational Therapists	
	29-1141	Registered Nurses	
	Master's degree	25-4012	Curators
		29-1071	Physician Assistants
		29-1151	Nurse Anesthetists
29-1161		Nurse Midwives	
29-1171		Nurse Practitioners	
29-2091		Orthotists and Prosthetists	
Doctoral or professional degree	29-1215	Family Medicine Physicians	
	29-1217	Neurologists	

Workforce Region 26 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
Some college, no degree	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
Associate's degree	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
Bachelor's degree	29-1125	Recreational Therapists
	29-1141	Registered Nurses
Master's degree	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
Doctoral or professional degree	29-1215	Family Medicine Physicians

Workforce Region 27 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	35-2019	Cooks, All Other
	37-3019	Grounds Maintenance Workers, All Other
	39-3091	Amusement and Recreation Attendants
	47-3016	Helpers--Roofers
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
	39-3093	Locker Room, Coatroom, and Dressing Room Attendants
	39-4012	Crematory Operators
	49-3091	Bicycle Repairers
	51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood
	53-5011	Sailors and Marine Oilers
Some college, no degree	27-2011	Actors
	29-2061	Licensed Practical and Licensed Vocational Nurses
Postsecondary nondegree award	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
	31-2022	Physical Therapist Aides
	35-2013	Cooks, Private Household
	49-9044	Millwrights
	51-8099	Plant and System Operators, All Other
	51-9082	Medical Appliance Technicians
	17-3025	Environmental Engineering Technologists and Technicians
	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
Associate's degree	11-2033	Fundraising Managers
	17-2031	Bioengineers and Biomedical Engineers
	19-2042	Geoscientists, Except Hydrologists and Geographers
	27-2091	Disc Jockeys, Except Radio
	29-1125	Recreational Therapists
	29-1141	Registered Nurses
	33-3031	Fish and Game Wardens
Bachelor's degree	19-1023	Zoologists and Wildlife Biologists
	25-4012	Curators
	29-1071	Physician Assistants
	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
Master's degree	19-1021	Biochemists and Biophysicists
	19-2011	Astronomers
	29-1081	Podiatrists
	29-1212	Cardiologists
	29-1215	Family Medicine Physicians
Doctoral or professional degree		

Workforce Region 28 - Occupational Areas of Concern by Educational Requirement

Educational Requirement	SOC Code	SOC Title
No formal educational credential	39-3091	Amusement and Recreation Attendants
	47-2082	Tapers
	47-3016	Helpers--Roofers
High school diploma or equivalent	31-1120	Home Health and Personal Care Aides
	39-4012	Crematory Operators
	39-5093	Shampooers
	47-2022	Stonemasons
	49-9069	Precision Instrument and Equipment Repairers, All Other
	51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
	51-9197	Tire Builders
	53-7071	Gas Compressor and Gas Pumping Station Operators
Some college, no degree	27-1019	Artists and Related Workers, All Other
	27-2011	Actors
Postsecondary nondegree award	29-2061	Licensed Practical and Licensed Vocational Nurses
	29-2092	Hearing Aid Specialists
	31-1131	Nursing Assistants
	35-2013	Cooks, Private Household
Associate's degree	19-4012	Agricultural Technicians
	29-2031	Cardiovascular Technologists and Technicians
	29-2033	Nuclear Medicine Technologists
	29-2035	Magnetic Resonance Imaging Technologists
	15-2099	Mathematical Science Occupations, All Other
Bachelor's degree	29-1125	Recreational Therapists
	29-1141	Registered Nurses
	43-9081	Proofreaders and Copy Markers
	45-2011	Agricultural Inspectors
	19-1022	Microbiologists
	29-1071	Physician Assistants
Master's degree	29-1151	Nurse Anesthetists
	29-1171	Nurse Practitioners
	19-2011	Astronomers
	19-3032	Industrial-Organizational Psychologists
Doctoral or professional degree	29-1023	Orthodontists
	29-1215	Family Medicine Physicians