

Occupational List '09 - '10

SOC Code	Occupation	Stars	Training Level	Apprenticeable
11-1011	Chief Executives	5	Bachelor's or higher degree, plus work experience	
11-1021	General and Operations Managers	5	Bachelor's or higher degree, plus work experience	
11-2021	Marketing Managers	5	Bachelor's or higher degree, plus work experience	
11-2022	Sales Managers	5	Bachelor's or higher degree, plus work experience	
11-3011	Administrative Services Managers	5	Bachelor's or higher degree, plus work experience	
11-3021	Computer and Information Systems Managers	5	Bachelor's or higher degree, plus work experience	
11-3031	Financial Managers	5	Bachelor's or higher degree, plus work experience	
11-3051	Industrial Production Managers	5	Work experience in a related occupation	
11-9021	Construction Managers	5	Bachelor's degree	
11-9041	Engineering Managers	5	Bachelor's or higher degree, plus work experience	
11-9051	Food Service Managers	5	Work experience in a related occupation	x
11-9111	Medical and Health Services Managers	5	Bachelor's or higher degree, plus work experience	x
11-3071	Transportation, Storage, and Distribution Managers	4	Work experience in a related occupation	
11-9032	Education Administrators, Elementary and Secondary School	4	Bachelor's or higher degree, plus work experience	
11-9033	Education Administrators, Postsecondary	4	Bachelor's or higher degree, plus work experience	
11-9081	Lodging Managers	4	Work experience in a related occupation	
11-9141	Property, Real Estate, and Community Association Managers	4	Bachelor's degree	
11-9151	Social and Community Service Managers	4	Bachelor's degree	
11-2031	Public Relations Managers	3	Bachelor's or higher degree, plus work experience	
11-3061	Purchasing Managers	3	Bachelor's or higher degree, plus work experience	
11-9061	Funeral Directors	3	Associate degree	
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	5	Long-term on-the-job training	x
13-1031	Claims Adjusters, Examiners, and Investigators	5	Long-term on-the-job training	
13-1111	Management Analysts	5	Bachelor's or higher degree, plus work experience	
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	4	Long-term on-the-job training	
13-1081	Logisticians	4	Bachelor's degree	
13-2011	Accountants and Auditors	4	Bachelor's degree	
13-2051	Financial Analysts	4	Bachelor's degree	
13-1022	Wholesale and Retail Buyers, Except Farm Products	3	Long-term on-the-job training	
13-1051	Cost Estimators	3	Bachelor's degree	x
13-1072	Compensation, Benefits, and Job Analysis Specialists	3	Bachelor's degree	
13-2031	Budget Analysts	3	Bachelor's degree	
13-2052	Personal Financial Advisors	3	Bachelor's degree	
13-2053	Insurance Underwriters	3	Bachelor's degree	

13-2072	Loan Officers	3	Bachelor's degree	
15-1021	Computer Programmers	5	Bachelor's degree	x
15-1031	Computer Software Engineers, Applications	5	Bachelor's degree	
15-1032	Computer Software Engineers, Systems Software	5	Bachelor's degree	
15-1051	Computer Systems Analysts	5	Bachelor's degree	
15-1061	Database Administrators	5	Bachelor's degree	x
15-1041	Computer Support Specialists	4	Associate degree	x
15-1071	Network and Computer Systems Administrators	4	Bachelor's degree	x
15-1081	Network Systems and Data Communications Analysts	4	Bachelor's degree	
17-1011	Architects, Except Landscape and Naval	5	Bachelor's degree	
17-2031	Biomedical Engineers	5	Bachelor's degree	
17-2051	Civil Engineers	5	Bachelor's degree	
17-2112	Industrial Engineers	5	Bachelor's degree	
17-2141	Mechanical Engineers	5	Bachelor's degree	
17-3026	Industrial Engineering Technicians	5	Associate degree	x
17-2011	Aerospace Engineers	4	Bachelor's degree	
17-2061	Computer Hardware Engineers	4	Bachelor's degree	
17-2071	Electrical Engineers	4	Bachelor's degree	
17-2072	Electronics Engineers, Except Computer	4	Bachelor's degree	
17-2081	Environmental Engineers	4	Bachelor's degree	
17-3013	Mechanical Drafters	4	Postsecondary vocational training	
17-3021	Aerospace Engineering and Operations Technicians	4	Associate degree	
17-3024	Electro-Mechanical Technicians	4	Associate degree	x
17-3027	Mechanical Engineering Technicians	4	Associate degree	x
17-1022	Surveyors	3	Bachelor's degree	
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	3	Bachelor's degree	
17-2131	Materials Engineers	3	Bachelor's degree	x
17-3011	Architectural and Civil Drafters	3	Postsecondary vocational training	x
17-3012	Electrical and Electronics Drafters	3	Postsecondary vocational training	x
17-3022	Civil Engineering Technicians	3	Associate degree	
17-3023	Electrical and Electronic Engineering Technicians	3	Associate degree	
17-3025	Environmental Engineering Technicians	3	Associate degree	x
19-2041	Environmental Scientists and Specialists, Including Health	5	Master's degree	
19-4091	Environmental Science and Protection Technicians, Including Health	5	Associate degree	
19-2031	Chemists	4	Bachelor's degree	
19-3021	Market Research Analysts	4	Bachelor's degree	

19-3031	Clinical, Counseling, and School Psychologists	4	Doctoral degree	
19-4031	Chemical Technicians	4	Associate degree	x
19-1012	Food Scientists and Technologists	3	Bachelor's degree	
19-1021	Biochemists and Biophysicists	3	Doctoral degree	
19-1022	Microbiologists	3	Doctoral degree	
19-1031	Conservation Scientists	3	Bachelor's degree	
19-1042	Medical Scientists, Except Epidemiologists	3	Doctoral degree	
19-2042	Geoscientists, Except Hydrologists and Geographers	3	Master's degree	
19-4011	Agricultural and Food Science Technicians	3	Associate degree	x
19-4041	Geological and Petroleum Technicians	3	Associate degree	
21-1012	Educational, Vocational, and School Counselors	3	Master's degree	
21-1013	Marriage and Family Therapists	3	Master's degree	
21-1014	Mental Health Counselors	3	Master's degree	
21-1022	Medical and Public Health Social Workers	3	Bachelor's degree	
21-1093	Social and Human Service Assistants	3	Moderate-term on-the-job training	x
23-2011	Paralegals and Legal Assistants	5	Associate degree	x
23-1011	Lawyers	4	First professional degree	
25-1032	Engineering Teachers, Postsecondary	5	Doctoral degree	
25-1071	Health Specialties Teachers, Postsecondary	5	Master's degree	
25-1011	Business Teachers, Postsecondary	4	Master's degree	
25-1021	Computer Science Teachers, Postsecondary	4	Master's degree	
25-1022	Mathematical Science Teachers, Postsecondary	4	Master's degree	
25-1042	Biological Science Teachers, Postsecondary	4	Doctoral degree	
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	4	Doctoral degree	
25-1052	Chemistry Teachers, Postsecondary	4	Doctoral degree	
25-1066	Psychology Teachers, Postsecondary	4	Doctoral degree	
25-1031	Architecture Teachers, Postsecondary	3	Doctoral degree	
25-1053	Environmental Science Teachers, Postsecondary	3	Doctoral degree	
25-1054	Physics Teachers, Postsecondary	3	Doctoral degree	
25-1065	Political Science Teachers, Postsecondary	3	Doctoral degree	
25-1067	Sociology Teachers, Postsecondary	3	Doctoral degree	
25-1072	Nursing Instructors and Teachers, Postsecondary	3	Doctoral degree	
25-1081	Education Teachers, Postsecondary	3	Doctoral degree	
25-1121	Art, Drama, and Music Teachers, Postsecondary	3	Master's degree	
25-1122	Communications Teachers, Postsecondary	3	Doctoral degree	
25-1123	English Language and Literature Teachers, Postsecondary	3	Master's degree	

25-1124	Foreign Language and Literature Teachers, Postsecondary	3	Master's degree	
25-1125	History Teachers, Postsecondary	3	Doctoral degree	
25-1194	Vocational Education Teachers, Postsecondary	3	Bachelor's or higher degree, plus work experience	
25-2012	Kindergarten Teachers, Except Special Education	3	Bachelor's degree	
25-2021	Elementary School Teachers, Except Special Education	3	Bachelor's degree	
25-2022	Middle School Teachers, Except Special and Vocational Education	3	Bachelor's degree	
25-2031	Secondary School Teachers, Except Special and Vocational Education	3	Bachelor's degree	
25-2032	Vocational Education Teachers, Secondary School	3	Bachelor's or higher degree, plus work experience	
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	3	Bachelor's degree	
25-2043	Special Education Teachers, Secondary School	3	Bachelor's degree	
25-4021	Librarians	3	Master's degree	
25-9031	Instructional Coordinators	3	Master's degree	
25-9041	Teacher Assistants	3	Short-term on-the-job training	x
27-1014	Multi-Media Artists and Animators	4	Bachelor's degree	
27-1021	Commercial and Industrial Designers	4	Bachelor's degree	x
27-1025	Interior Designers	4	Associate degree	x
27-1026	Merchandise Displayers and Window Trimmers	4	Moderate-term on-the-job training	x
27-1011	Art Directors	3	Bachelor's or higher degree, plus work experience	
27-2012	Producers and Directors	3	Bachelor's or higher degree, plus work experience	
27-3022	Reporters and Correspondents	3	Bachelor's degree	
27-3031	Public Relations Specialists	3	Bachelor's degree	x
27-3042	Technical Writers	3	Bachelor's degree	
27-3043	Writers and Authors	3	Bachelor's degree	
27-3091	Interpreters and Translators	3	Long-term on-the-job training	
27-4011	Audio and Video Equipment Technicians	3	Long-term on-the-job training	x
29-1021	Dentists, General	5	First professional degree	
29-1051	Pharmacists	5	First professional degree	
29-1062	Family and General Practitioners	5	First professional degree	
29-1071	Physician Assistants	5	Master's degree	
29-1111	Registered Nurses	5	Associate degree	
29-1123	Physical Therapists	5	Master's degree	x
29-1126	Respiratory Therapists	5	Associate degree	
29-2021	Dental Hygienists	5	Associate degree	x
29-2031	Cardiovascular Technologists and Technicians	5	Associate degree	
29-2052	Pharmacy Technicians	5	Moderate-term on-the-job training	x
29-1011	Chiropractors	4	First professional degree	

29-1067	Surgeons	4	First professional degree	
29-1122	Occupational Therapists	4	Master's degree	
29-1127	Speech-Language Pathologists	4	Master's degree	
29-1131	Veterinarians	4	First professional degree	
29-2032	Diagnostic Medical Sonographers	4	Associate degree	x
29-2034	Radiologic Technologists and Technicians	4	Associate degree	x
29-2061	Licensed Practical and Licensed Vocational Nurses	4	Postsecondary vocational training	x
29-2011	Medical and Clinical Laboratory Technologists	3	Bachelor's degree	x
29-2012	Medical and Clinical Laboratory Technicians	3	Associate degree	x
29-2041	Emergency Medical Technicians and Paramedics	3	Postsecondary vocational training	x
29-2055	Surgical Technologists	3	Postsecondary vocational training	x
29-2071	Medical Records and Health Information Technicians	3	Associate degree	x
31-2011	Occupational Therapist Assistants	5	Associate degree	
31-2021	Physical Therapist Assistants	4	Associate degree	x
31-9091	Dental Assistants	4	Moderate-term on-the-job training	x
31-9092	Medical Assistants	4	Moderate-term on-the-job training	x
31-9094	Medical Transcriptionists	3	Postsecondary vocational training	x
33-3012	Correctional Officers and Jailers	5	Moderate-term on-the-job training	x
33-3051	Police and Sheriff's Patrol Officers	4	Long-term on-the-job training	x
33-2011	Fire Fighters	3	Long-term on-the-job training	x
33-9032	Security Guards	3	Short-term on-the-job training	x
35-1011	Chefs and Head Cooks	3	Work experience in a related occupation	x
35-2012	Cooks, Institution and Cafeteria	3	Moderate-term on-the-job training	x
35-2015	Cooks, Short Order	3	Short-term on-the-job training	
37-2021	Pest Control Workers	4	Moderate-term on-the-job training	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	3	Work experience in a related occupation	
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	3	Work experience in a related occupation	x
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3	Work experience in a related occupation	
39-6012	Concierges	3	Moderate-term on-the-job training	
39-6021	Tour Guides and Escorts	3	Moderate-term on-the-job training	
39-6022	Travel Guides	3	Moderate-term on-the-job training	
39-6031	Flight Attendants	3	Long-term on-the-job training	
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	3	Short-term on-the-job training	
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	5	Work experience in a related occupation	
41-3011	Advertising Sales Agents	5	Moderate-term on-the-job training	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	5	Work experience in a related occupation	

41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5	Work experience in a related occupation	
41-2022	Parts Salespersons	4	Moderate-term on-the-job training	
41-9021	Real Estate Brokers	4	Work experience in a related occupation	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3	Work experience in a related occupation	
41-3031	Securities, Commodities, and Financial Services Sales Agents	3	Bachelor's degree	
41-9011	Demonstrators and Product Promoters	3	Moderate-term on-the-job training	
41-9041	Telemarketers	3	Short-term on-the-job training	
43-3011	Bill and Account Collectors	5	Short-term on-the-job training	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	5	Moderate-term on-the-job training	
43-4031	Court, Municipal, and License Clerks	5	Short-term on-the-job training	
43-5052	Postal Service Mail Carriers	5	Short-term on-the-job training	
43-5061	Production, Planning, and Expediting Clerks	5	Moderate-term on-the-job training	x
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	4	Work experience in a related occupation	
43-3021	Billing and Posting Clerks and Machine Operators	4	Moderate-term on-the-job training	x
43-3051	Payroll and Timekeeping Clerks	4	Moderate-term on-the-job training	
43-4051	Customer Service Representatives	4	Moderate-term on-the-job training	x
43-4061	Eligibility Interviewers, Government Programs	4	Moderate-term on-the-job training	
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	4	Short-term on-the-job training	
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	4	Short-term on-the-job training	
43-5011	Cargo and Freight Agents	4	Moderate-term on-the-job training	
43-5031	Police, Fire, and Ambulance Dispatchers	4	Moderate-term on-the-job training	x
43-5032	Dispatchers, Except Police, Fire, and Ambulance	4	Moderate-term on-the-job training	x
43-5051	Postal Service Clerks	4	Short-term on-the-job training	x
43-5071	Shipping, Receiving, and Traffic Clerks	4	Short-term on-the-job training	
43-6011	Executive Secretaries and Administrative Assistants	4	Work experience in a related occupation	
43-6012	Legal Secretaries	4	Associate degree	x
43-6013	Medical Secretaries	4	Moderate-term on-the-job training	x
43-6014	Secretaries, Except Legal, Medical, and Executive	4	Moderate-term on-the-job training	
43-9041	Insurance Claims and Policy Processing Clerks	4	Moderate-term on-the-job training	
43-9081	Proofreaders and Copy Markers	4	Short-term on-the-job training	
43-9111	Statistical Assistants	4	Moderate-term on-the-job training	
43-3071	Tellers	3	Short-term on-the-job training	x
43-4111	Interviewers, Except Eligibility and Loan	3	Short-term on-the-job training	
43-4131	Loan Interviewers and Clerks	3	Short-term on-the-job training	
43-4151	Order Clerks	3	Short-term on-the-job training	
43-4171	Receptionists and Information Clerks	3	Short-term on-the-job training	

43-5021	Couriers and Messengers	3	Short-term on-the-job training	
43-5081	Stock Clerks and Order Fillers	3	Short-term on-the-job training	
43-9021	Data Entry Keyers	3	Moderate-term on-the-job training	x
43-9031	Desktop Publishers	3	Postsecondary vocational training	
43-9061	Office Clerks, General	3	Short-term on-the-job training	
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	3	Short-term on-the-job training	x
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5	Work experience in a related occupation	
47-2073	Operating Engineers and Other Construction Equipment Operators	5	Moderate-term on-the-job training	x
47-2081	Drywall and Ceiling Tile Installers	5	Moderate-term on-the-job training	x
47-2111	Electricians	5	Long-term on-the-job training	x
47-2141	Painters, Construction and Maintenance	5	Moderate-term on-the-job training	x
47-2151	Pipelayers	5	Moderate-term on-the-job training	x
47-2152	Plumbers, Pipefitters, and Steamfitters	5	Long-term on-the-job training	x
47-2181	Roofers	5	Moderate-term on-the-job training	x
47-2211	Sheet Metal Workers	5	Long-term on-the-job training	x
47-2021	Brickmasons and Blockmasons	4	Long-term on-the-job training	x
47-2022	Stonemasons	4	Long-term on-the-job training	x
47-2031	Carpenters	4	Long-term on-the-job training	x
47-2044	Tile and Marble Setters	4	Long-term on-the-job training	x
47-2051	Cement Masons and Concrete Finishers	4	Moderate-term on-the-job training	x
47-2071	Paving, Surfacing, and Tamping Equipment Operators	4	Moderate-term on-the-job training	x
47-2082	Tapers	4	Moderate-term on-the-job training	x
47-2131	Insulation Workers, Floor, Ceiling, and Wall	4	Moderate-term on-the-job training	x
47-2132	Insulation Workers, Mechanical	4	Moderate-term on-the-job training	x
47-2171	Reinforcing Iron and Rebar Workers	4	Long-term on-the-job training	x
47-2221	Structural Iron and Steel Workers	4	Long-term on-the-job training	x
47-3016	Helpers--Roofers	4	Short-term on-the-job training	x
47-4011	Construction and Building Inspectors	4	Work experience in a related occupation	
47-4031	Fence Erectors	4	Moderate-term on-the-job training	x
47-4051	Highway Maintenance Workers	4	Moderate-term on-the-job training	
47-5012	Rotary Drill Operators, Oil and Gas	4	Moderate-term on-the-job training	x
47-5013	Service Unit Operators, Oil, Gas, and Mining	4	Moderate-term on-the-job training	x
47-5042	Mine Cutting and Channeling Machine Operators	4	Moderate-term on-the-job training	x
47-5071	Roustabouts, Oil and Gas	4	Moderate-term on-the-job training	
47-2061	Construction Laborers	3	Moderate-term on-the-job training	x
47-2121	Glaziers	3	Long-term on-the-job training	x

47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	3	Short-term on-the-job training	
47-3012	Helpers--Carpenters	3	Short-term on-the-job training	
47-3013	Helpers--Electricians	3	Short-term on-the-job training	
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	3	Short-term on-the-job training	
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	3	Short-term on-the-job training	
47-5041	Continuous Mining Machine Operators	3	Moderate-term on-the-job training	x
47-5051	Rock Splitters, Quarry	3	Moderate-term on-the-job training	
47-5081	Helpers--Extraction Workers	3	Short-term on-the-job training	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	5	Work experience in a related occupation	
49-9041	Industrial Machinery Mechanics	5	Long-term on-the-job training	x
49-9042	Maintenance and Repair Workers, General	5	Moderate-term on-the-job training	x
49-9051	Electrical Power-Line Installers and Repairers	5	Long-term on-the-job training	x
49-9062	Medical Equipment Repairers	5	Associate degree	x
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	4	Postsecondary vocational training	x
49-2098	Security and Fire Alarm Systems Installers	4	Postsecondary vocational training	x
49-3021	Automotive Body and Related Repairers	4	Long-term on-the-job training	x
49-3023	Automotive Service Technicians and Mechanics	4	Postsecondary vocational training	x
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4	Postsecondary vocational training	x
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	4	Long-term on-the-job training	x
49-3092	Recreational Vehicle Service Technicians	4	Long-term on-the-job training	x
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4	Long-term on-the-job training	x
49-9043	Maintenance Workers, Machinery	4	Moderate-term on-the-job training	x
49-9052	Telecommunications Line Installers and Repairers	4	Long-term on-the-job training	x
49-9094	Locksmiths and Safe Repairers	4	Moderate-term on-the-job training	x
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	3	Postsecondary vocational training	x
49-3051	Motorboat Mechanics	3	Long-term on-the-job training	x
49-3052	Motorcycle Mechanics	3	Long-term on-the-job training	x
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	3	Moderate-term on-the-job training	x
49-9031	Home Appliance Repairers	3	Long-term on-the-job training	x
49-9098	Helpers--Installation, Maintenance, and Repair Workers	3	Short-term on-the-job training	x
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5	Work experience in a related occupation	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	5	Moderate-term on-the-job training	x
51-2041	Structural Metal Fabricators and Fitters	5	Moderate-term on-the-job training	x
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	5	Moderate-term on-the-job training	x
51-2092	Team Assemblers	4	Moderate-term on-the-job training	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	4	Moderate-term on-the-job training	x

51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	4	Moderate-term on-the-job training	x
51-4041	Machinists	4	Long-term on-the-job training	x
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	4	Moderate-term on-the-job training	x
51-4121	Welders, Cutters, Solderers, and Brazers	4	Postsecondary vocational training	x
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	4	Moderate-term on-the-job training	x
51-8031	Water and Liquid Waste Treatment Plant and System Operators	4	Long-term on-the-job training	x
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	4	Moderate-term on-the-job training	x
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	4	Moderate-term on-the-job training	x
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	4	Moderate-term on-the-job training	x
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	4	Moderate-term on-the-job training	x
51-9122	Painters, Transportation Equipment	4	Moderate-term on-the-job training	x
51-9123	Painting, Coating, and Decorating Workers	4	Short-term on-the-job training	x
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	4	Moderate-term on-the-job training	x
51-9196	Paper Goods Machine Setters, Operators, and Tenders	4	Moderate-term on-the-job training	x
51-2091	Fiberglass Laminators and Fabricators	3	Moderate-term on-the-job training	x
51-3021	Butchers and Meat Cutters	3	Long-term on-the-job training	x
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	3	Short-term on-the-job training	x
51-3023	Slaughterers and Meat Packers	3	Moderate-term on-the-job training	
51-3092	Food Batchmakers	3	Short-term on-the-job training	
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3	Moderate-term on-the-job training	x
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	3	Moderate-term on-the-job training	x
51-4071	Foundry Mold and Coremakers	3	Moderate-term on-the-job training	x
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	3	Moderate-term on-the-job training	x
51-4111	Tool and Die Makers	3	Long-term on-the-job training	x
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	3	Moderate-term on-the-job training	x
51-5023	Printing Machine Operators	3	Moderate-term on-the-job training	x
51-7021	Furniture Finishers	3	Long-term on-the-job training	x
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	3	Moderate-term on-the-job training	x
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	3	Long-term on-the-job training	x
51-9022	Grinding and Polishing Workers, Hand	3	Moderate-term on-the-job training	x
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	3	Moderate-term on-the-job training	x
51-9081	Dental Laboratory Technicians	3	Long-term on-the-job training	x
51-9082	Medical Appliance Technicians	3	Long-term on-the-job training	x
51-9083	Ophthalmic Laboratory Technicians	3	Moderate-term on-the-job training	x
51-9111	Packaging and Filling Machine Operators and Tenders	3	Short-term on-the-job training	
51-9141	Semiconductor Processors	3	Associate degree	

53-3032	Truck Drivers, Heavy and Tractor-Trailer	5	Moderate-term on-the-job training	x
53-7051	Industrial Truck and Tractor Operators	5	Short-term on-the-job training	x
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	4	Work experience in a related occupation	
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	4	Work experience in a related occupation	
53-3021	Bus Drivers, Transit and Intercity	4	Moderate-term on-the-job training	
53-7032	Excavating and Loading Machine and Dragline Operators	4	Moderate-term on-the-job training	x
53-2022	Airfield Operations Specialists	3	Long-term on-the-job training	x
53-3031	Driver/Sales Workers	3	Short-term on-the-job training	
53-3033	Truck Drivers, Light or Delivery Services	3	Short-term on-the-job training	
53-6051	Transportation Inspectors	3	Work experience in a related occupation	
53-7021	Crane and Tower Operators	3	Long-term on-the-job training	x
53-7033	Loading Machine Operators, Underground Mining	3	Moderate-term on-the-job training	x
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3	Short-term on-the-job training	x
53-7063	Machine Feeders and Offbearers	3	Short-term on-the-job training	
53-7081	Refuse and Recyclable Material Collectors	3	Short-term on-the-job training	