

In- Demand Skills Report by Occupation

10/1/2017

Ref. No	Occupation - 236	Soc Code	Basic Skills		Social Skills		Complex Problem Solving Skills	Technical Skills		Systems Skills		Resource Management Skills	
1	Accountants and Auditors	13-2011.00	Critical Thinking	Mathematics	Persuasion	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
2	Actuaries	15-2011.00	Mathematics	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Programming	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Financial Resources	Time Management
3	Administrative Services Managers	11-3011.00	Active Listening	Speaking	Coordination	Negotiation	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
4	Aerospace Engineers	17-2011.00	Science	Reading Comprehension	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
5	Aircraft Mechanics and Service Technicians	49-3011.00	Critical Thinking	Reading Comprehension	Coordination	Instructing	Complex Problem Solving	Equipment Maintenance	Repairing	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
6	Architectural and Engineering Managers	11-9041.00	Active Listening	Reading Comprehension	Social Perceptiveness	Coordination	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
7	Assemblers and Fabricators, All Other	51-2099.00					Complex Problem Solving						
8	Audio and Video Equipment Technicians	27-4011.00	Monitoring	Critical Thinking	Instructing	Service Orientation	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
9	Automotive Body and Related Repairers	49-3021.00	Monitoring	Speaking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Repairing	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
10	Automotive Service Technicians and Mechanics	49-3023.00	Active Learning	Active Listening	Coordination	Service Orientation	Complex Problem Solving	Equipment Maintenance	Repairing	Systems Analysis	Systems Evaluation	Management of Material Resources	Management of Personnel Resources
11	Aviation Inspectors*	53-6051.00	Critical Thinking	Speaking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
12	Avionics Technicians	49-2091.00	Active Listening	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Equipment Maintenance	Repairing	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
13	Bill and Account Collectors	43-3011.00	Active Listening	Speaking	Persuasion	Social Perceptiveness	Complex Problem Solving	Programming	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
14	Billing and Posting Clerks	43-3021.00	Active Listening	Reading Comprehension	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Programming	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
15	Biofuels/Biodiesel Technology & Product Development Managers*	11-9041.01	Reading Comprehension	Critical Thinking	Coordination	Persuasion	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
16	Biological Technicians	19-2041.00	Reading Comprehension	Science	Coordination	Social Perceptiveness	Complex Problem Solving	Troubleshooting	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Time Management	Management of Material Resources
17	Biomedical Engineers	17-2031.00	Science	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Technology Design	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
18	Bookkeeping, Accounting, and Auditing Clerks	43-3031.00	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
19	Bus & Truck Mechanics & Diesel Engine Spec.	49-3031.00	Critical Thinking	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Repairing	Systems Evaluation	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
20	Bus Drivers, School or Special Client	53-3022.00	Active Listening	Critical Thinking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Financial Resources	Time Management
21	Business Intelligence Analysts*	15-1199.08	Reading Comprehension	Critical Thinking	Social Perceptiveness	Coordination	Complex Problem Solving	Programming	Technology Design	Systems Analysis	Judgment and Decision Making	Time Management	Management of Personnel Resources
22	Business Operations Specialists, All Other	13-1199.00	Active Listening	Critical Thinking	Coordination	Persuasion	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
23	Carpenters	47-2031.00	Active Learning	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Equipment Selection	Operation and Control	Systems Analysis	Systems Evaluation	Management of Personnel Resources	Time Management
24	Cement Masons and Concrete Finishers	47-2051.00	Monitoring	Mathematics	Coordination	Instructing	Complex Problem Solving	Operation and Control	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
25	Chemical Engineers	17-2041.00	Science	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Troubleshooting	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
26	Chemical Equipment Operators/Tenders	51-9011.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
27	Chemical Plant and System Operators	51-8091.00	Critical Thinking	Monitoring	Coordination	Instructing	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
28	Chemists	19-2031.00	Science	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
29	Child, Family, and School Social Workers	21-1021.00	Speaking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
30	Civil Engineers	17-2051.00	Reading Comprehension	Critical Thinking	Coordination	Negotiation	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
31	Claims Adjusters, Examiners, and Investigators	13-1031.00	Active Listening	Reading Comprehension	Negotiation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Management of Personnel Resources
32	Clinical, Counseling, and School Psychologists	19-3031.02	Speaking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
33	Commercial Pilots	53-2012.00	Critical Thinking	Monitoring	Coordination	Instructing	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
34	Compliance Officers*	13-1041.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
35	Computer & Information Research Scientists	15-1111.00	Critical Thinking	Active Listening	Social Perceptiveness	Coordination	Complex Problem Solving	Programming	Operations Analysis	Systems Analysis	Systems Evaluation	Management of Personnel Resources	Time Management
36	Computer and Information Systems Managers	11-3021.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
37	Computer Hardware Engineers	17-2061.00	Reading Comprehension	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
38	Computer Network Architects	15-1143.00	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Troubleshooting	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
39	Computer Network Support Specialists	15-1152.00	Critical Thinking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Troubleshooting	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
40	Computer Numerically Controlled Machine Tool Prog., M/P	51-4012.00	Critical Thinking	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Programming	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
41	Computer Programmers	15-1131.00	Reading Comprehension	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Programming	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
42	Computer Systems Analysts	15-1121.00	Critical Thinking	Active Listening	Persuasion	Coordination	Complex Problem Solving	Quality Control Analysis	Programming	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
43	Computer Systems Engineers/Architects*	15-1199.02	Reading Comprehension	Writing	Instructing	Coordination	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Time Management	Management of Personnel Resources
44	Computer User Support Specialists	15-1151.00	Speaking	Active Listening	Coordination	Instructing	Complex Problem Solving	Troubleshooting	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
45	Computer-Controlled Machine Tool Oper., M/P	51-4011.00	Critical Thinking	Monitoring	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
46	Construction Laborers	47-2061.00	Reading Comprehension	Speaking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
47	Construction Managers	11-9021.00	Active Listening	Critical Thinking	Negotiation	Coordination	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
48	Cost Estimators	13-1051.00	Critical Thinking	Mathematics	Persuasion	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Time Management
49	Credit Analysts	13-2041.00	Critical Thinking	Active Learning	Service Orientation	Coordination	Complex Problem Solving	Operations Analysis	Programming	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Time Management
50	Customer Service Representatives	43-4051.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
51	Cutting/Punching/Press Machine S/O/T, M/P	51-4031.00	Monitoring	Active Listening	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Operation and Control	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
52	Data Warehousing Specialists*	15-1199.07	Active Listening	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Operations Analysis	Programming	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
53	Database Administrators	15-1141.00	Monitoring	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Programming	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
54	Dental Assistants	31-9091.00	Active Listening	Reading Comprehension	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
55	Dental Hygienists	29-2021.00	Active Listening	Speaking	Coordination	Instructing	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
56	Dentists, General	29-1021.00	Monitoring	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
57	Diagnostic Medical Sonographers	29-2032.00	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
58	Dispatchers, Except Police, Fire, and Ambulance	43-5032.00	Active Listening	Speaking	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
59	Electrical and Electronic Engineering Technicians	17-3023.00	Critical Thinking	Reading Comprehension	Coordination	Instructing	Complex Problem Solving	Equipment Maintenance	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
60	Electrical and Electronic Equipment Assemblers	51-2022.00	Monitoring	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
61	Electrical/Electronics Install/Repair, Trans. Equip.	49-2093.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Repairing	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
62	Electrical/Electronics Repair, Comm/Indus Equip.	49-2094.00	Critical Thinking	Reading Comprehension	Coordination	Persuasion	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
63	Electrical/Electronics Repair, Pwrhse/Substa/Rly	49-2095.00	Critical Thinking	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Equipment Maintenance	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
64	Electrical Engineering Technicians*	17-3023.03	Reading Comprehension	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
65	Electrical Engineering Technologists*	17-3029.02	Reading Comprehension	Critical Thinking	Instructing	Coordination	Complex Problem Solving	Operation Monitoring	Operation and Control	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
66	Electrical Engineers	17-2071.00	Critical Thinking	Active Listening	Coordination	Instructing	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
67	Electrical Power-Line Installers and Repairers	49-9051.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Troubleshooting	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
68	Electricians	47-2111.00	Active Listening	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Repairing	Systems Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
69	Electro-Mechanical Technicians	17-3024.00	Monitoring	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
70	Electronics Engineering Technicians*	17-3023.01	Reading Comprehension	Active Listening	Coordination	Instructing	Complex Problem Solving	Troubleshooting	Operations Analysis	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
71	Electronics Engineers, Except Computer	17-2072.00	Reading Comprehension	Critical Thinking	Instructing	Persuasion	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
72	Emergency Medical Technicians and Paramedics	29-2041.00	Active Listening	Critical Thinking	Coordination	Service Orientation	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
73	Engine and Other Machine Assemblers	51-2031.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Material Resources	Time Management
74	Environmental Compliance Inspectors*	13-1041.01	Reading Comprehension	Monitoring	Social Perceptiveness	Coordination	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
75	Environmental Engineers	17-2081.00	Reading Comprehension	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
76	Executive Secretaries and Administrative Assistants	43-6011.00	Active Listening	Speaking	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
77	Extrud/Form/Pressing/Compacting Mach. S/O/T	51-9041.00	Monitoring	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
78	Family and General Practitioners	29-1062.00	Critical Thinking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
79	Farmers, Ranchers, and Other Agricultural Managers	11-9013.00	Critical Thinking	Monitoring	Coordination	Instructing	Complex Problem Solving	Operation and Control	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
80	Financial Analysts	13-2051.00	Writing	Reading Comprehension	Social Perceptiveness	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
81	Financial Managers	11-3031.00	Active Listening	Critical Thinking	Coordination	Negotiation	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Management of Personnel Resources
82	FL Sup/Mgrs of Con. Trades/Extract. Work	47-1011.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Equipment Selection	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
83	FL Sup/Mgrs of Food Prep. & Serving Workers	35-1012.00	Active Listening	Speaking	Coordination	Service Orientation	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
84	FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand	53-1021.00	Active Listening	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
85	FL Sup/Mgrs of Mechanics/Installers/Repairers	49-1011.00	Critical Thinking	Monitoring	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
86	FL Sup/Mgrs of Non-Retail Sales Workers	41-1012.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
87	FL Sup/Mgrs of Office & Admin. Support	43-1011.00	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving						

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91	Food Scientists and Technologists	19-1012.00	Reading Comprehension	Active Listening	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
92	Food Service Managers	11-9051.00	Critical Thinking	Speaking	Service Orientation	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
93	General and Operations Managers	11-1021.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
94	Graphic Designers	27-1024.00	Speaking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Technology Design	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
95	Health & Safety Engineers, ex. Mining Safety & Inspectors	17-2111.00	Critical Thinking	Reading Comprehension	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
96	Health Technologists and Technicians, All Other	29-2099.00	Active Listening	Critical Thinking	Coordination	Service Orientation	Complex Problem Solving	Equipment Maintenance	Operation and Control	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
97	Healthcare Social Workers	21-1022.00	Speaking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation and Control	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
98	Healthcare Support Workers, All Other	31-9099.00	-	-	-	-	Complex Problem Solving	-	-	-	-	-	-
99	Heating, AC, & Refrigeration Mechanics/Installers	49-9021.00	Active Listening	Critical Thinking	Instructing	Social Perceptiveness	Complex Problem Solving	Equipment Maintenance	Installation	Systems Analysis	Systems Evaluation	Management of Personnel Resources	Time Management
100	Truck Drivers, Heavy and Tractor-Trailer	53-3032.00	Critical Thinking	Monitoring	Coordination	Service Orientation	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Financial Resources	Time Management
101	Helpers, Construction Trades, All Other	-	Speaking	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Equipment Selection	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Material Resources
102	Helpers-Electricians	47-3013.00	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Equipment Maintenance	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
103	Helpers-Production Workers	51-9198.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
104	Human Resources Assis., ex. Payroll & Timekp	43-4161.00	Active Listening	Reading Comprehension	Coordination	Service Orientation	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
105	Human Resources Managers	11-3121.00	Active Listening	Speaking	Social Perceptiveness	Coordination	Complex Problem Solving	Operations Analysis	Programming	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
106	Human Resources Specialists	13-1071.00	Speaking	Active Listening	Social Perceptiveness	Coordination	Complex Problem Solving	Operation Monitoring	Programming	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
107	Industrial Engineers	17-2112.00	Reading Comprehension	Active Listening	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
108	Industrial Machinery Mechanics	49-9041.00	Critical Thinking	Speaking	Coordination	Instructing	Complex Problem Solving	Equipment Maintenance	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
109	Industrial Production Managers	11-3051.00	Critical Thinking	Monitoring	Instructing	Coordination	Complex Problem Solving	Equipment Maintenance	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
110	Industrial Truck and Tractor Operators	53-7051.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
111	Information Security Analysts	15-1122.00	Reading Comprehension	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
112	Information Technology Project Managers*	15-1199.09	Monitoring	Critical Thinking	Coordination	Persuasion	Complex Problem Solving	Operations Analysis	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
113	Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
114	Instructional Designers and Technologists*	25-9031.01	Writing	Reading Comprehension	Instructing	Social Perceptiveness	Complex Problem Solving	Technology Design	Programming	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
115	Insurance Claims and Policy Processing Clerks	43-9041.00	Active Listening	Reading Comprehension	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Programming	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Management of Personnel Resources
116	Insurance Sales Agents	41-3021.00	Active Listening	Reading Comprehension	Persuasion	Service Orientation	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
117	Insurance Underwriters	13-2053.00	Reading Comprehension	Active Listening	Social Perceptiveness	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
118	Internists, General	-	Science	Active Listening	Social Perceptiveness	Service Orientation	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
119	Interpreters and Translators	27-3091.00	Speaking	Active Listening	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
120	Interviewers, Except Eligibility and Loan	43-4111.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
121	Lawyers	23-1011.00	Speaking	Active Listening	Negotiation	Persuasion	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
122	Licensed Practical and Licensed Vocational Nurses	29-2061.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
123	Truck Drivers, Light or Delivery Services	53-3033.00	Monitoring	Reading Comprehension	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Material Resources	Time Management
124	Loan Interviewers and Clerks	43-4131.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
125	Loan Officers	13-2072.00	Speaking	Active Listening	Service Orientation	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
126	Logisticians*	13-1081.00	Critical Thinking	Active Listening	Service Orientation	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
127	Logistics Analysts*	13-1081.02	Reading Comprehension	Mathematics	Persuasion	Coordination	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Time Management	Management of Personnel Resources
128	Loss Prevention Managers*	11-9199.08	Active Listening	Reading Comprehension	Instructing	Coordination	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
129	Machinists	51-4041.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operation and Control	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
130	Magnetic Resonance Imaging Technologists	29-2035.00	Active Listening	Reading Comprehension	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operation and Control	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
131	Maintenance and Repair Workers, General	49-9071.00	Active Learning	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Equipment Maintenance	Repairing	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
132	Maintenance Workers, Machinery	49-9043.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Equipment Maintenance	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
133	Management Analysts	13-1111.00	Reading Comprehension	Active Listening	Social Perceptiveness	Coordination	Complex Problem Solving	Operations Analysis	Technology Design	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
134	Managers, All Other	11-9199.00	Active Listening	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Management of Personnel Resources
135	Manufacturing Engineers*	17-2199.04	Speaking	Active Listening	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
136	Manufacturing Production Technicians*	17-3029.09	Reading Comprehension	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Equipment Maintenance	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
137	Market Research Analysts and Marketing Specialists	13-1161.00	Reading Comprehension	Active Listening	Persuasion	Coordination	Complex Problem Solving	Operations Analysis	Programming	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
138	Marketing Managers	11-2021.00	Active Learning	Active Listening	Persuasion	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Programming	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
139	Massage Therapists	31-9011.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
140	Materials Engineers	17-2131.00	Reading Comprehension	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
141	Materials Scientists	19-2032.00	Reading Comprehension	Critical Thinking	Instructing	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
142	Mechanical Drafters	17-3013.00	Reading Comprehension	Active Learning	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
143	Mechanical Engineering Technicians	17-3027.00	Reading Comprehension	Active Listening	Coordination	Instructing	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
144	Mechanical Engineers	17-2141.00	Critical Thinking	Active Listening	Coordination	Persuasion	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
145	Medical and Clinical Laboratory Technicians	29-2012.00	Active Listening	Reading Comprehension	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
146	Medical and Clinical Laboratory Technologists	29-2011.00	Active Listening	Critical Thinking	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
147	Medical and Health Services Managers	11-9111.00	Active Listening	Critical Thinking	Social Perceptiveness	Coordination	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
148	Medical Assistants	31-9092.00	Active Listening	Speaking	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
149	Medical Equipment Repairers	49-9062.00	Critical Thinking	Reading Comprehension	Coordination	Service Orientation	Complex Problem Solving	Equipment Maintenance	Repairing	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
150	Medical Records and Health Information Technicians	29-2071.00	Critical Thinking	Reading Comprehension	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
151	Medical Secretaries	43-6013.00	Active Listening	Speaking	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
152	Mental Health and Substance Abuse Social Workers	21-1023.00	Speaking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
153	Mental Health Counselors	21-1014.00	Speaking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
154	Millwrights	49-9044.00	Active Learning	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Installation	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
155	Mobile Heavy Equipment Mechanics, Except Engines	49-3042.00	Active Listening	Critical Thinking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Equipment Maintenance	Troubleshooting	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
156	Natural Sciences Managers	11-9121.00	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Programming	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
157	Network and Computer Systems Administrators	15-1142.00	Reading Comprehension	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Troubleshooting	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
158	New Accounts Clerks	43-4141.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Programming	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
159	Non-Destructive Testing Specialists*	17-3029.01	Reading Comprehension	Critical Thinking	Instructing	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
160	Nuclear Medicine Technologists	29-2033.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
161	Nurse Practitioners	29-1171.00	Active Learning	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
162	Nursing Assistants	31-1014.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
163	Occupational Health and Safety Specialists	29-9011.00	Active Listening	Critical Thinking	Persuasion	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
164	Occupational Therapists	29-1122.00	Critical Thinking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
165	Occupational Therapist Assistants	31-2011.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
166	Office and Administrative Support Workers, All Other	43-9199.00	-	-	-	-	Complex Problem Solving	-	-	-	-	-	-
167	Office Clerks, General	43-9061.00	Active Listening	Reading Comprehension	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
168	Online Merchants*	13-1199.06	Reading Comprehension	Active Listening	Service Orientation	Persuasion	Complex Problem Solving	Operation and Control	Programming	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Time Management
169	Operating Engineers & Other Con. Equip. Op.	47-2073.00	Critical Thinking	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
170	Operations Research Analysts	15-2031.00	Mathematics	Active Listening	Coordination	Instructing	Complex Problem Solving	Programming	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
171	Opticians, Dispensing	29-2081.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
172	Order Clerks	43-4151.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Material Resources	Time Management
173	Packaging and Filling Machine Operators/Tenders	51-9111.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
174	Painters, Construction and Maintenance	47-2141.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
175	Painters, Transportation Equipment	51-9122.00	Critical Thinking	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
176	Paralegals and Legal Assistants	23-2011.00	Reading Comprehension	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
177	Parts Salespersons	41-2022.00	Active Listening	Speaking	Persuasion	Service Orientation	Complex Problem Solving	Operation Monitoring	Equipment Selection	Systems Analysis			

In- Demand Skills Report by Occupation

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Ref. No	Occupation - 236	Soc Code	Basic Skills		Social Skills		Complex Problem Solving Skills	Technical Skills		Systems Skills		Resource Management Skills	
180	Pharmacists	29-1051.00	Reading Comprehension	Active Listening	Instructing	Service Orientation	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
181	Phlebotomists	31-9097.00	Active Listening	Speaking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
182	Physical Therapist Assistants	31-2021.00	Active Listening	Monitoring	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
183	Physical Therapists	29-1123.00	Speaking	Critical Thinking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
184	Physician Assistants	29-1071.00	Critical Thinking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
185	Physicians and Surgeons, All Other	29-1069.00	Active Learning	Active Listening	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
186	Plumbers, Pipefitters, and Steamfitters	47-2152.00	Active Learning	Active Listening	Coordination	Instructing	Complex Problem Solving	Operation and Control	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
187	Production Workers, All Other	51-9199.00	-	-	-	-	Complex Problem Solving	-	-	-	-	-	-
188	Production, Planning, and Expediting Clerks	43-5061.00	Active Listening	Reading Comprehension	Coordination	Persuasion	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
189	Property, Real Estate & Community Assn Mgrs	11-9141.00	Active Listening	Speaking	Negotiation	Coordination	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
190	Psychiatrists	29-1066.00	Critical Thinking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
191	Public Relations Specialists	27-3031.00	Speaking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Technology Design	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
192	Purchasing Agents, ex. Whole., Retail, & Farm	13-1023.00	Active Listening	Reading Comprehension	Persuasion	Negotiation	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Management of Financial Resources	Time Management
193	Purchasing Managers	11-3061.00	Active Listening	Critical Thinking	Negotiation	Coordination	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
194	Quality Control Analysts*	19-4099.01	Reading Comprehension	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
195	Radiologic Technologists	29-2034.00	Active Listening	Speaking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
196	Registered Nurses	29-1141.00	Speaking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
197	Regulatory Affairs Specialists*	13-1041.07	Speaking	Reading Comprehension	Coordination	Persuasion	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
198	Residential Advisors	39-9041.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
199	Respiratory Therapists	29-1126.00	Critical Thinking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
200	Robotics Engineers*	17-2199.08	Reading Comprehension	Mathematics	Coordination	Instructing	Complex Problem Solving	Equipment Selection	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
201	Sales Engineers	41-9031.00	Critical Thinking	Reading Comprehension	Persuasion	Social Perceptiveness	Complex Problem Solving	Technology Design	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
202	Sales Managers	11-2022.00	Active Listening	Speaking	Persuasion	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
203	Sales Representatives, Services, All Other	41-3099.00	Critical Thinking	Reading Comprehension	Negotiation	Persuasion	Complex Problem Solving	Operation Monitoring	Programming	Judgment and Decision Making	Systems Analysis	Management of Financial Resources	Time Management
204	Sales Rep., Wholesale/Mfg. ex. Tech./Sci. Prod.	41-4012.00	Active Listening	Speaking	Persuasion	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
205	Sales Rep., Wholesale & Mfg. Tech./Sci. Prod.	41-4011.00	Active Listening	Speaking	Negotiation	Persuasion	Complex Problem Solving	Programming	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Financial Resources	Time Management
206	Search Marketing Strategists*	15-1199.10	Reading Comprehension	Writing	Coordination	Persuasion	Complex Problem Solving	Technology Design	Programming	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
207	Secretaries, Except Legal, Medical, and Executive	43-6014.00	Active Listening	Writing	Coordination	Service Orientation	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
208	Securities/Commodities/Fin. Serv. Sales Agents	41-3031.00	Active Listening	Critical Thinking	Negotiation	Persuasion	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
209	Self-Enrichment Education Teachers	25-3021.00	Speaking	Active Listening	Instructing	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
210	Sheet Metal Workers	47-2211.00	Mathematics	Monitoring	Coordination	Instructing	Complex Problem Solving	Operation and Control	Troubleshooting	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
211	Shipping, Receiving, and Traffic Clerks	43-5071.00	Active Listening	Speaking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
212	Social and Community Service Managers	11-9151.00	Active Listening	Speaking	Social Perceptiveness	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
213	Social and Human Service Assistants	21-1093.00	Speaking	Active Listening	Service Orientation	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operation and Control	Systems Evaluation	Judgment and Decision Making	Management of Personnel Resources	Time Management
214	Software Developers, Applications	15-1132.00	Mathematics	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Programming	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
215	Software Developers, Systems Software	15-1133.00	Reading Comprehension	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
216	Software Quality Assurance Engineers and Testers*	15-1199.01	Reading Comprehension	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Evaluation	Judgment and Decision Making	Time Management	Management of Personnel Resources
217	Speech-Language Pathologists	29-1127.00	Critical Thinking	Active Listening	Instructing	Social Perceptiveness	Complex Problem Solving	Technology Design	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
218	Statisticians	15-2041.00	Mathematics	Critical Thinking	Coordination	Instructing	Complex Problem Solving	Programming	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
219	Structural Iron and Steel Workers	47-2221.00	Reading Comprehension	Active Listening	Coordination	Instructing	Complex Problem Solving	Operation Monitoring	Operation and Control	Judgment and Decision Making	Systems Evaluation	Time Management	Management of Personnel Resources
220	Substance Abuse and Behavioral Disorder Counselors	21-1011.00	Reading Comprehension	Critical Thinking	Service Orientation	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
221	Supply Chain Managers*	11-9199.04	Active Listening	Reading Comprehension	Social Perceptiveness	Coordination	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Material Resources	Time Management
222	Surgical Assistants*	29-2099.07	Active Listening	Speaking	Coordination	Service Orientation	Complex Problem Solving	Operation Monitoring	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
223	Surgical Technologists	29-2055.00	Active Listening	Monitoring	Instructing	Social Perceptiveness	Complex Problem Solving	Equipment Maintenance	Operation Monitoring	Systems Evaluation	Judgment and Decision Making	Management of Material Resources	Time Management
224	Team Assemblers	51-2092.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Operation Monitoring	Quality Control Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
225	Technical Writers	27-3042.00	Writing	Reading Comprehension	Coordination	Persuasion	Complex Problem Solving	Quality Control Analysis	Operations Analysis	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
226	Telecommunications Engineering Specialists*	15-1143.01	Active Listening	Reading Comprehension	Coordination	Social Perceptiveness	Complex Problem Solving	Quality Control Analysis	Troubleshooting	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
227	Telecomm. Equip. Install/Repair, ex. Line Install	49-2022.00	Active Listening	Reading Comprehension	Critical Thinking	Active Learning	Complex Problem Solving	Complex Problem Solving	Operations Analysis	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
228	Tool and Die Makers	51-4111.00	Active Listening	Critical Thinking	Coordination	Social Perceptiveness	Complex Problem Solving	Equipment Selection	Operation and Control	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
229	Training and Development Specialists	13-1151.00	Monitoring	Learning Strategies	Social Perceptiveness	Instructing	Complex Problem Solving	Operation Monitoring	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
230	Transportation Managers*	11-3071.00	Reading Comprehension	Speaking	Coordination	Negotiation	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Management of Personnel Resources	Time Management
231	Validation Engineers*	17-2199.02	Science	Reading Comprehension	Instructing	Social Perceptiveness	Complex Problem Solving	Operations Analysis	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Time Management	Management of Personnel Resources
232	Veterinary Technologists and Technicians	29-2056.00	Active Listening	Critical Thinking	Coordination	Service Orientation	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
233	Water/Liquid Waste Treatment Plant/System Op.	51-8031.00	Active Listening	Monitoring	Coordination	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Systems Analysis	Judgment and Decision Making	Management of Personnel Resources	Time Management
234	Web Developers	15-1134.00	Critical Thinking	Active Listening	Coordination	Social Perceptiveness	Complex Problem Solving	Programming	Operations Analysis	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
235	Welders, Cutters, Solderers, and Brazers	51-4121.00	Active Listening	Monitoring	Instructing	Social Perceptiveness	Complex Problem Solving	Operation and Control	Operation Monitoring	Judgment and Decision Making	Systems Analysis	Management of Personnel Resources	Time Management
236	Wholesale and Retail Buyers, Except Farm Products	13-1022.00	Active Listening	Critical Thinking	Persuasion	Negotiation	Complex Problem Solving	Operations Analysis	Quality Control Analysis	Judgment and Decision Making	Systems Evaluation	Management of Financial Resources	Time Management



The following are definitions of all skills listed above. Definitions of additional skills as well as a complete list of Occupations by skill can be found at <http://www.onetonline.org/find/descriptor/browse/Skills/>

Active Listening - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Reading Comprehension - Understanding written sentences and paragraphs in work related documents.

Critical Thinking - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Monitoring - Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Speaking - Talking to others to convey information effectively.

Writing - Communicating effectively in writing as appropriate for the needs of the audience.

Mathematics - Using mathematics to solve problems.

Active Learning - Understanding the implications of new information for both current and future problem-solving and decision-making.

Science - Using scientific rules and methods to solve problems.

Coordination - Adjusting actions in relation to others' actions.

Persuasion - Persuading others to change their minds or behavior.

Negotiation - Bringing others together and trying to reconcile differences.

Instructing - Teaching others how to do something.

Service Orientation - Actively looking for ways to help people.

Social Perceptiveness - Being aware of others' reactions and understanding why they react as they do.

Complex Problem Solving - Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

Operation Monitoring - Watching gauges, dials, or other indicators to make sure a machine is working properly.

Quality Control Analysis - Conducting tests and inspections of products, services, or processes to evaluate quality or performance.

Technology Design - Generating or adapting equipment and technology to serve user needs.

Troubleshooting - Determining causes of operating errors and deciding what to do about it.

Operation and Control - Controlling operations of equipment or systems.

Repairing - Repairing machines or systems using the needed tools.

Installation - Installing equipment, machines, wiring, or programs to meet specifications.

Equipment Selection - Determining the kind of tools and equipment needed to do a job.

Judgment and Decision Making - Considering the relative costs and benefits of potential actions to choose the most appropriate one.

Systems Analysis - Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.

Systems Evaluation - Identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.

Management of Personnel Resources - Motivating, developing, and directing people as they work, identifying the best people for the job.

Management of Material Resources - Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.

Time Management - Managing one's own time and the time of others.

Management of Financial Resources - Determining how money will be spent to get the work done, and accounting for these expenditures.

Programming - Writing computer programs for various purposes.

Operations Analysis - Analyzing needs and product requirements to create a design.