Industry Readiness Profile for
Manufacturing Careers

Median WorkKeys skill levels for entry into these occupations are derived from the ACT WorkKeys Profile Database which includes over 22,000 job analyses for $O^{*}$ NET occupation titles. Additional data can be found at:
http://jobprofiles.act.org/

| Growth | Occupation | WorkKeys Median Skill Levels |  |  | Median <br> Annual Wage 2019 | Projected Job Openings 2019-2029 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Applied Math | Workplace Documents | Graphic Literacy |  |  |
|  | Software Developers | 4 | 5 | 5 | \$107,510 | 131,400 |
|  | Software Quality Assurance Analysts and Testers | 4 | 5 | 5 | \$107,510 | 131,400 |
|  | Industrial Machinery Mechanics | 4 | 4 | 4 | \$53,590 | 40,500 |
|  | Industrial Engineers | 5 | 6 | 6 | \$88,020 | 21,300 |
|  | Human Factors Engineers and Ergonomists | 5 | 6 | 6 | \$88,020 | 21,300 |
|  | Validation Engineers | 6 | 6 | 6 | \$88,020 | 21,300 |
|  | Manufacturing Engineers | 6 | 6 | 6 | \$88,020 | 21,300 |
|  | Dental Laboratory Technicians | 3 | 4 | 4 | \$41,340 | 4,600 |
|  | Ophthalmic Laboratory Technicians | 3 | 3 | 3 | \$32,620 | 3,700 |
|  | Computer Numerically Controlled Tool Programmers | 4 | 4 | 4 | \$56,450 | 3,100 |
|  | Medical Appliance Technicians | 3 | 4 | 4 | \$40,690 | 1,900 |
|  | Orthotists and Prosthetists | 3 | 4 | 4 | \$68,410 | 900 |
|  | Helpers--Production Workers | 3 | 3 | 3 | \$29,100 | 44,100 |
|  | Bakers | 3 | 3 | 4 | \$27,700 | 26,000 |
|  | Electrical Engineers | 7 | 6 | 6 | \$98,530 | 12,500 |
|  | Aircraft Mechanics and Service Technicians | 4 | 5 | 5 | \$64,090 | 11,200 |
|  | Chemists | 7 | 7 | 7 | \$77,630 | 7,300 |
|  | Sales Engineers | 6 | 4 | 4 | \$103,900 | 6,700 |
|  | Maintenance Workers, Machinery | 4 | 4 | 4 | \$47,520 | 6,400 |
|  | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 3 | 3 | 4 | \$35,040 | 6,400 |
|  | Technical Writers | 3 | 5 | 4 | \$72,850 | 5,700 |
|  | Natural Sciences Managers | 6 | 5 | 4 | \$129,100 | 4,900 |
|  | Millwrights | 4 | 4 | 4 | \$55,560 | 4,300 |
|  | Riggers | 4 | 3 | 3 | \$50,860 | 2,100 |
|  | Bioengineers and Biomedical Engineers | 7 | 6 | 7 | \$91,410 | 1,400 |
|  | Occupational Health and Safety Technicians | 5 | 4 | 4 | \$51,550 | 1,200 |
|  | Aerospace Engineering and Operations Technologists and Technicians | 4 | 4 | 4 | \$66,020 | 1,100 |

