

**Science, Technology,  
Engineering &  
Mathematics**

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Pathways	Engineering and Technology	Science and Math
Sample Career Specialties / Occupations	<p>Aerospace Engineer* Aeronautical Engineer* Agricultural Engineer*            Agricultural Technician* Application Engineer* Architectural Engineer*            Automotive Engineer* Biomedical Engineer* Biotechnology Engineer*            Chemical Engineer* Civil Engineer* Communications Engineer*            Computer Engineer* Computer Hardware Engineer* Computer            Programmer* Computer Science Technician* Computer Software            Engineer* Construction Engineer* Consultant* Development Engineer*            Drafter* Electrical Engineer* Electrician* Electronics Technician* Energy            Transmission Engineer* Environmental Engineer* Facilities Technician*            Fire Protection Engineer* Geothermal Engineer* Hazardous Waste            Engineer* Hazardous Waste Technician* Human Factors Engineer *            Industrial Engineer* Industrial Engineering Technician* Licensing            Engineer* Manufacturing Engineer* Manufacturing Technician*            Manufacturing Processes Engineer* Marine Engineer* Materials            Engineer* Materials Lab &amp; Supply Technician* Mechanical Engineer*            Metallurgic Engineer* Mining Engineer* Naval Engineer* Network            Technician* Nuclear Engineer* Ocean Engineer* Operations Research            Engineer* Packaging Engineer* Packaging Technician* Petroleum            Engineer* Pharmaceutical Engineer* Plastics Engineer* Power Systems            Engineer* Product Design Engineer* Project Engineer* Project manager*            Prototype Engineer* Quality Engineer* Quality Technician* Radio/TV            Broadcast Technician* Radiology Engineer* Researcher* Safety            Engineer* Software Engineer* Sound Technician* Structural Engineer*            Survey Technician* Systems Design Engineer* Technical Sales Manager*            Technical Writer* Telecommunications Engineer* Textile Engineer*            Transportation Engineer*</p>	<p>Analytical Chemist* Anthropologist* Applied mathematician*            Archeologist* Astronomer* Astrophysicist* Atmospheric scientist*            Biologist* Botanist* CAD operator* Cartographer* Chemist*            Communications technologist* Conservation scientist* Cosmologist*            Cryptographer* Crystallographer* Demographer* Dye chemist*            Ecologist* Economist* Electronmicroscopist * Environmental scientist*            Expert systems scientist* Geneticist* Geologist* Geophysicist*            Geoscientist* Herpetologist* Hydrologist* Ichthyologist* Inorganic            chemist* Laboratory Technician * Mammalogist* Marine scientist*            Materials analyst* Materials scientist* Mathematician * Mathematics*            Metallurgist* Meteorologist* Microbial Physiologist* Mycologist*            Nanobiologist* Nuclear chemists* Nuclear technician* Numerical analyst*            Nutritionist* Oceanographer* Organic chemist* Ornithologist*            Paleontologist* Physicist* Polymer scientist* Programmer* Protein            scientist* Protozoologist* Quality-control scientist* Radio chemist*            Research chemist* Research Technician* Science Teacher * Lab            Technician* Scientific visualization / graphics expert* Spectroscopist*            Statistician* Technical writer* Technologist* Toxicologist* Zoologist*</p>