



# Science, Technology, Engineering & Math

- ▶ Engineering & Technology
- ▶ Science & Mathematics

A career in science, technology, engineering, and mathematics requires certain skills and education depending on job requirements. Skills include providing, planning, and managing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Bachelor's Degree from Iowa Universities and Colleges	Sample Career	Salaries
Bio Chemistry	Bio Chemist	\$66,800
Actuarial Science	Actuary	\$100,750
Seed Science	Seed Scientist	\$76,700

*\*Additional Bachelor's Degrees include: Ag Engineering, Electrical Engineering, Microbiology, Physics, Geo Science, Ag and Life Sciences Education, Environmental Science, Nutritional Science, Bio Chemistry, Technology and Engineering Education, Animal Science, Family and Consumer Science Education, Physics, Communication Sciences and Disorder, Technology Management, Biological Systems Engineering, Food Science, Political Science, Computer Science, Technology, Chemical Engineering, Industrial Engineering, Seed Science, Earth Science, Applied Physics, Civil Engineering, Industrial Technology, Software Engineering, Graphic Technology, Bio Medical Engineering, Computer Engineering, Management and Information Systems, Statistics, Military Science, Business Analytics and Information Systems, Construction Engineering, Materials Engineering, Technical Communication, Movement and Exercise Science, Mortuary Science, Culinary Food Science, Mathematics, Biology, Science Education, Nuclear Medicine Technology, Dairy Science, Mechanical Engineering, Chemistry, Social Science, Radiation Sciences*

Kirkwood Associate's Degree	Sample Career	Salaries
Advanced Manufacturing & Robotic Technologies	CNC Mill Operator	\$37,700
CAD/Mechanical Engineering Technology	CAD Drafter	\$54,900
Computer Software Development	Software Developer	\$88,000
Computer Support Specialist	Desktop Configuration Administrator	\$59,700
Energy Production & Distribution	Wind Turbine Service Technician	\$62,300
Exercise Science & Wellness	Fitness Trainer	\$32,800
Industrial Maintenance	Electro-Mechanical Technician	\$55,100
Network & System Administration	Network & Computer Systems Administrator	\$73,900
Water Environmental Technology	Water Treatment Operator	\$45,000

Kirkwood Diploma	Sample Career	Salaries
PC Technician	Computer Store Technician	\$50,900
CAD/Mechanical Engineering Technology	Mechanical Engineering Technician	\$49,900
Desktop Customer Service	Computer User Support Specialist	\$47,000
Electromechanical Technology	Electromechanical Assembler	\$39,500



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<b>Kirkwood Certificates</b>	<b>Sample Career</b>	<b>Salaries</b>
Industrial Robotics	Computer Controlled Machine Operator	\$38,300
Database Technologies	Computer Operator	\$44,100
Java Programming	JAVA Script Developer	\$78,100
Mobile App Development	Web Developer	\$58,100
.NET Programming	Computer Programmer	\$58,100
Healthcare IT Technician	Document Management Specialist	\$77,300
Network Security	Security Management Specialist	\$63,300
Network and System Administration	Computer Network Support Specialist	\$54,000
<b>Kirkwood Career Academies</b>	<b>Sample Career</b>	<b>Salaries</b>
Advanced Manufacturing with Robotics & Welding	Fabricator	\$32,300
ACE: Architectural and Engineering Design (Pre-Apprenticeship)	Design Assistant	\$30,100
Computer Programming & Web Development	User Experience Designer	\$40,000
Engineering: Project Lead The Way	Sound Engineer	\$48,200
Pre-Professional Health Careers	Physical Therapist Aide	\$27,300
Water Environmental Technology	Water Operator	\$24,950



*\*Information provided by Emsi National data and Kirkwood Community College Regional Talent Forecast Data – Nov. 2018*



## High School Courses

## High School Related Activities and Clubs