

CAREERS IN STEM

SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

WE ARE YOUR DOL



Department
of Labor

DO YOU WANT TO MAKE THE WORLD A BETTER PLACE TO LIVE?

If you are concerned about changes in the environment, creating better medicines and building new gadgets to make everyday life easier, consider a Science, Technology, Engineering and Math (STEM) education. A STEM education can give you the tools to help solve some of today's most perplexing problems.

DO YOU WONDER WHAT PUTS THE THRILL IN A ROLLER COASTER?

It takes both design and engineering skills to develop a thrill ride. If you are curious about how things work and are a creative and original thinker, a STEM career could be for you.

DO YOU IMAGINE SOLVING CRIMES USING THE LATEST TECHNOLOGY?

You could be a Forensic Science Technician in your local area or travel the world tracking the latest infectious disease. Professionals in STEM careers protect and serve people around the world.



There are over 240 STEM occupations with new ones created every year. You can find more STEM occupations at onetonline.org/find/stem

For more information about STEM occupations in your region contact your local Labor Market Analyst at dol.ny.gov/labor-market-analysts

Get Started



Take classes in Science, Technology, Engineering and Math to learn about exciting STEM career opportunities



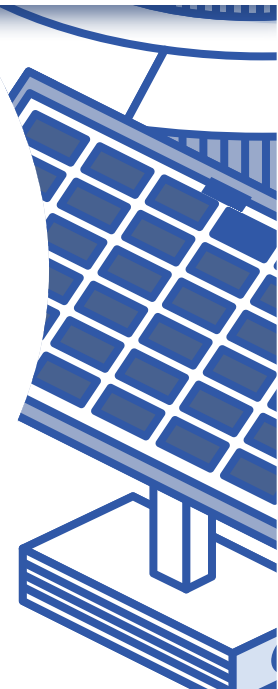
Talk to people who have the STEM jobs you like and learn how they got started



Join math and science clubs and participate in activities that build STEM knowledge and interest



Explore careers, job skills, wages and more at careerzone.ny.gov (for grades 6-12) and jobzone.ny.gov (for adults)



The median wage of Southern Tier Region STEM occupations is \$69,310 a year, which is 44 percent higher than the median annual wage of \$48,290 for all workers in the region.

STEM CAREERS: SOUTHERN TIER

OCCUPATION	MEDIAN ANNUAL WAGE*
AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS	\$47,503
COMPUTER USER SUPPORT SPECIALISTS	\$63,875
DENTAL HYGIENISTS	\$78,061
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS	\$65,837
EMERGENCY MEDICAL TECHNICIANS	\$36,915
FIRST-LINE SUPERVISORS OF MECHANICS, INSTALLERS, AND REPAIRERS	\$68,653
HEALTH SPECIALTIES TEACHERS, POSTSECONDARY	\$108,093
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	\$59,809
INDUSTRIAL ENGINEERING TECHNICIANS	\$63,552
INDUSTRIAL MACHINERY MECHANICS	\$62,366
LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES	\$51,223
MACHINISTS	\$51,146
MAINTENANCE AND REPAIR WORKERS, GENERAL	\$46,116
MEDICAL AND HEALTH SERVICES MANAGERS	\$113,554
MEDICAL SCIENTISTS, EXCEPT EPIDEMIOLOGISTS	\$83,907
NURSE PRACTITIONERS	\$125,230
NURSING INSTRUCTORS AND TEACHERS, POSTSECONDARY	\$80,187
PHARMACISTS	\$134,243
PHYSICIAN ASSISTANTS	\$126,240
PROJECT MANAGEMENT SPECIALISTS	\$105,241
REGISTERED NURSES	\$82,415
SOFTWARE DEVELOPERS	\$111,631
SPEECH-LANGUAGE PATHOLOGISTS	\$76,407
VETERINARY TECHNOLOGISTS AND TECHNICIANS	\$50,361
WELDERS, CUTTERS, SOLDERERS, AND BRAZERS	\$48,794

*Half the workers were paid wages above and half were paid wages below this value