

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



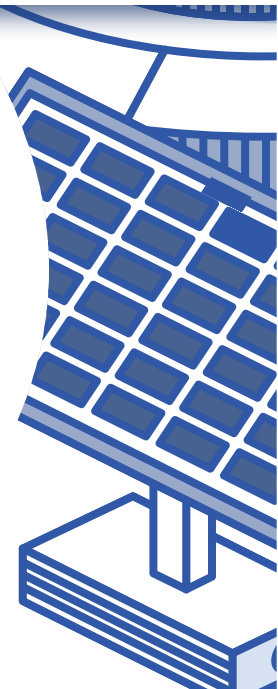
Talk to people who have the STEM jobs you like and learn how they got started



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 Long Island Region STEM occupations is \$88,090 a year, which is 64 percent higher than the median annual wage of \$53,790 for all workers in the region.

STEM CAREERS: LONG ISLAND

OCCUPATION	MEDIAN ANNUAL WAGE*
AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS	\$50,951
CHEMICAL TECHNICIANS	\$60,866
CLINICAL AND COUNSELING PSYCHOLOGISTS	\$105,235
DATA SCIENTISTS	\$122,436
ENVIRONMENTAL SCIENTISTS AND SPECIALISTS, INCLUDING HEALTH	\$86,418
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	\$77,082
INDUSTRIAL ENGINEERS	\$103,807
INDUSTRIAL MACHINERY MECHANICS	\$63,365
INFORMATION SECURITY ANALYSTS	\$134,096
MACHINISTS	\$60,461
MATERIALS SCIENTISTS	\$137,480
MECHANICAL ENGINEERS	\$106,052
MEDICAL RECORDS SPECIALISTS	\$51,434
MEDICAL SCIENTISTS, EXCEPT EPIDEMIOLOGISTS	\$102,487
MIXING AND BLENDING MACHINE SETTERS, OPERATORS, AND TENDERS	\$50,209
MOTORBOAT MECHANICS AND SERVICE TECHNICIANS	\$59,390
NURSING INSTRUCTORS AND TEACHERS, POSTSECONDARY	\$104,306
PHYSICAL THERAPISTS	\$106,859
PHYSICIAN ASSISTANTS	\$147,900
PROJECT MANAGEMENT SPECIALISTS	\$105,975
RADIOLOGIC TECHNOLOGISTS	\$87,166
REGISTERED NURSES	\$110,696
RESPIRATORY THERAPISTS	\$104,392
SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS	\$118,312
WELDERS, CUTTERS, SOLDERERS, AND BRAZERS	\$58,695

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