

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



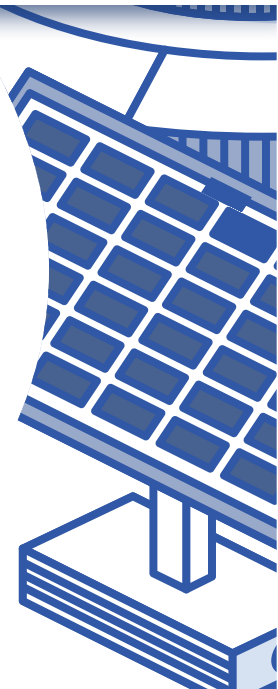
Talk to people who have the STEM jobs you like and learn how they got started



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 Western New York Region STEM occupations is \$68,820 a year, which is 44 percent higher than the median annual wage of \$47,840 for all workers in the region.

STEM CAREERS: WESTERN NEW YORK

OCCUPATION	MEDIAN ANNUAL WAGE*
AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS	\$48,779
BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS	\$53,736
CHEMICAL TECHNICIANS	\$56,353
CHEMISTS	\$75,266
CIVIL ENGINEERS	\$84,948
COMPUTER NUMERICALLY CONTROLLED TOOL OPERATORS	\$47,049
COMPUTER USER SUPPORT SPECIALISTS	\$58,067
DENTAL HYGIENISTS	\$67,116
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS	\$61,303
FIRST-LINE SUPERVISORS OF MECHANICS, INSTALLERS, AND REPAIRERS	\$68,988
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	\$61,115
INDUSTRIAL ENGINEERS	\$86,581
INDUSTRIAL MACHINERY MECHANICS	\$63,389
LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES	\$51,675
LIFE, PHYSICAL, AND SOCIAL SCIENCE TECHNICIANS, ALL OTHER	\$53,921
MACHINISTS	\$53,490
MAINTENANCE AND REPAIR WORKERS, GENERAL	\$46,297
PHARMACISTS	\$130,770
PHARMACY TECHNICIANS	\$36,944
PROJECT MANAGEMENT SPECIALISTS	\$100,505
RADIOLOGIC TECHNOLOGISTS	\$68,910
REGISTERED NURSES	\$84,947
SOFTWARE DEVELOPERS	\$109,747
SPEECH-LANGUAGE PATHOLOGISTS	\$76,643
WELDERS, CUTTERS, SOLDERERS, AND BRAZERS	\$50,251

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