

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



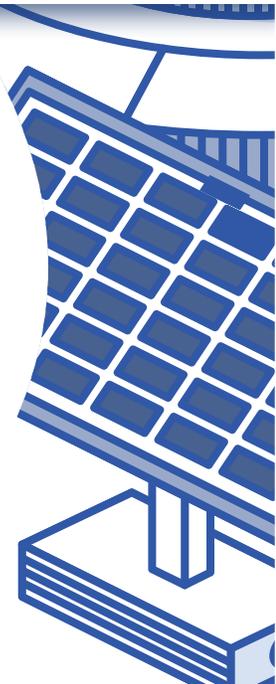
Talk to people who have the STEM jobs you like and learn how they got started



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 Finger Lakes Region STEM occupations is \$71,450 a year, which is 47 percent higher than the median annual wage of \$48,490 for all workers in the region.

STEM CAREERS: FINGER LAKES

OCCUPATION	MEDIAN ANNUAL WAGE*
AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS	\$49,868
BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS	\$53,949
CHEMICAL EQUIPMENT OPERATORS AND TENDERS	\$49,820
COMPUTER NUMERICALLY CONTROLLED TOOL OPERATORS	\$49,140
COMPUTER PROGRAMMERS	\$86,995
COMPUTER SYSTEMS ANALYSTS	\$95,495
COMPUTER USER SUPPORT SPECIALISTS	\$56,412
DENTAL HYGIENISTS	\$79,134
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS	\$65,219
ELECTRICAL ENGINEERS	\$106,166
EMERGENCY MEDICAL TECHNICIANS	\$38,426
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	\$60,984
INDUSTRIAL ENGINEERING TECHNICIANS	\$58,217
INDUSTRIAL ENGINEERS	\$93,439
INDUSTRIAL MACHINERY MECHANICS	\$61,253
LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES	\$51,964
MACHINISTS	\$49,843
MECHANICAL ENGINEERS	\$96,228
NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS	\$87,555
NURSE PRACTITIONERS	\$126,862
PHYSICAL THERAPISTS	\$84,062
PHYSICIAN ASSISTANTS	\$130,181
RADIOLOGIC TECHNOLOGISTS	\$68,538
REGISTERED NURSES	\$85,170
SOFTWARE DEVELOPERS	\$111,796

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