

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



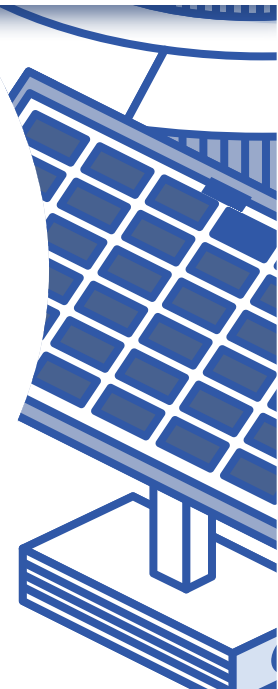
Talk to people who have the STEM jobs you like and learn how they got started



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 Hudson Valley Region STEM occupations is \$85,400 a year, which is 63 percent higher than the median annual wage of \$52,540 for all workers in the region.

STEM CAREERS: HUDSON VALLEY

OCCUPATION	MEDIAN ANNUAL WAGE*
ATHLETIC TRAINERS	\$64,344
BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS	\$66,447
COMPUTER NETWORK SUPPORT SPECIALISTS	\$84,734
COMPUTER USER SUPPORT SPECIALISTS	\$66,552
DIAGNOSTIC MEDICAL SONOGRAPHERS	\$99,234
ELECTRICAL ENGINEERS	\$109,880
HEALTH SPECIALTIES TEACHERS, POSTSECONDARY	\$106,797
INDUSTRIAL ENGINEERS	\$103,953
INDUSTRIAL MACHINERY MECHANICS	\$64,441
INFORMATION SECURITY ANALYSTS	\$128,710
MACHINISTS	\$50,045
MAGNETIC RESONANCE IMAGING TECHNOLOGISTS	\$104,473
MEDICAL RECORDS SPECIALISTS	\$50,923
OCCUPATIONAL HEALTH AND SAFETY SPECIALISTS	\$82,602
OPTOMETRISTS	\$141,985
PARAMEDICS	\$61,455
PEDIATRICIANS, GENERAL	\$208,901
PHARMACISTS	\$139,407
PHYSICIAN ASSISTANTS	\$140,533
REGISTERED NURSES	\$106,218
RESPIRATORY THERAPISTS	\$100,495
SCHOOL PSYCHOLOGISTS	\$106,729
TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS, EXCEPT LINE INSTALLERS	\$53,890
WEB AND DIGITAL INTERFACE DESIGNERS	\$110,588
WELDERS, CUTTERS, SOLDERERS, AND BRAZERS	\$58,929

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