

SURVEYING
AND MAPPING
TECHNICIAN
\$44,361

SOFTWARE
DEVELOPER
\$89,530

CONSERVATION
SCIENTIST
\$37,135

CHEMICAL
TECHNICIAN
\$43,982

THESE ARE STEM
CAREERS WITH
PROJECTED JOB
OPENINGS IN THE
NORTHERN TIER,
WITH AVERAGE
ANNUAL WAGES

PETROLEUM
ENGINEER
\$86,662

COMPUTER
USER SUPPORT
SPECIALIST
\$42,859

INDUSTRIAL
ENGINEERING
TECHNOLOGIST
\$48,885

YOU CAN DO THIS!

"NORTHERN TIER"
MEANS THESE
COUNTIES:
BRADFORD
SULLIVAN
SUSQUEHANNA
TIOGA
WYOMING

COMPUTER
SYSTEMS
ANALYST
\$66,804

STEM

GEOLOGICAL
TECHNICIAN
\$47,702

SCIENCE ★ TECHNOLOGY ★ ENGINEERING ★ MATH

HEALTH AND
SAFETY
ENGINEER
\$66,874

CIVIL
ENGINEER
\$79,969

CAREERS IN STEM FIELDS ARE AVAILABLE
RIGHT HERE IN THE NORTHERN TIER
(OR WHEREVER ELSE YOU MAY WANT TO GO).

THESE JOBS
ARE JUST
EXAMPLES--
THERE ARE A
LOT MORE
CAREER PATHS
OPEN TO YOU

STEM JOBS CHECK ALL THE BOXES:

PSYCHOLOGIST
\$84,314

- GOOD PAY
- INTERESTING WORK
- HELP HUMANITY
- COLLEGE OPTIONAL

ENVIRONMENTAL
ENGINEER
\$100,975

IF YOU WANT TO
WORK IN OTHER
AREAS OF PA OR
THE U.S., THERE
ARE EVEN MORE
OPTIONS!

WEB
DEVELOPER
\$67,115

COMPUTER
NETWORK
ADMINISTRATOR
\$63,447

GEOSCIENTIST
\$97,558

COMPUTER
NETWORKING
SPECIALIST
\$50,324

MECHANICAL
DRAFTER
\$42,533

SEE NEXT PAGE
FOR HOW TO
WORK TOWARD A
STEM CAREER

FORESTER
\$62,451

WHAT YOU CAN DO NOW TO PURSUE A STEM CAREER:

- » TACKLE SCIENCE, MATH, AND TECHNOLOGY CLASSES
- » PARTICIPATE IN ENRICHMENT ACTIVITIES
- » EXPLORE THE WEBSITES BELOW
- » TALK TO A TEACHER, CAREER COACH, OR SCHOOL COUNSELOR
- » CONSIDER WHAT TYPE OF POST-HIGH SCHOOL EDUCATION FITS YOU

TOP STEM JOBS IN PENNSYLVANIA THAT DON'T REQUIRE A FOUR-YEAR DEGREE:

APPRENTICESHIP OR ON-THE-JOB TRAINING

Carpenter
Electrician
Computer User Support Specialist
Industrial Machinery Mechanic
Telecommunications Line Installer & Repairer
Electrical Power-Line Installer & Repairer

ASSOCIATE'S DEGREE (TWO YEARS OF COLLEGE)

Dental Hygienist
Radiologic Technologist
Computer Network Support Specialist
Web Developer
Electrical or Electronic Engineering Technician
Architectural and Civil Drafter
Respiratory Therapist
Mechanical Drafter
Civil Engineering Technician
Industrial Engineering Technician
Mechanical Engineering Technician
Diagnostic Medical Sonographer
Cardiovascular Technologist or Technician
Electrical and Electronics Drafter

WEB SITES WITH IDEAS AND INFO:

<https://www.education.pa.gov/Pages/STEM-Competition.aspx>

THE BASICS ON STEM AND WHY IT MATTERS



<https://www.youtube.com/watch?v=W-dk-dEHq2OE&feature=youtu.be>

A SHORT VIDEO INTRO TO STEM FROM THE PA DEPARTMENT OF EDUCATION



<https://www.pasmart.gov/what-is-pasmart/stem-jobs-in-pa/>

STATE-LEVEL INFO ON STEM JOBS AND INITIATIVES



<https://www.steampoweredfamily.com/education/stem-educational-videos/>

A DIRECTORY OF FUN SCIENCE VIDEOS FOR ALL AGES



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