

6 HOT

Manufacturing STEM Jobs by Salary



Computer Hardware Engineer \$115,120*

Through conducting research and development, you design hardware systems and parts, including processors, circuit boards, memory, routers, and networks. This role also requires you to test these products before they are released. Once testing is finished, you make sure these products are made correctly and update older systems to work with new software.

Will I like it?

They aren't old computers—they're your new projects.

Education Required:

Bachelor's degree in computer science

Schools that Train: ^

- John Carroll University
- Pepperdine University
- University of Georgia

Who's Hiring: †

- Facebook
- IBM
- Microsoft



Mechanical Engineer \$85,880*

Developing tools and equipment, you research the best way to create these products and include the most cutting-edge computerized or thermal systems that will keep them working. You also test these tools while taking note of the features that work and those that do not. Once systems have been perfected, you control how the products are made.

Will I like it?

Gaming? You'd rather be making.

Education Required:

Bachelor's degree in mechanical engineering or mechanical engineering technology

Schools that Train: ^

- Arizona State University-Downtown Phoenix
- Lake Superior State University
- Stony Brook University

Who's Hiring: †

- Gecko Robotics, Inc.
- Google
- Lockheed Martin



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Machinist

\$44,110*

As a machinist, you create metal tools using CAD (computer-aided design) and CAM (computer-aided manufacturing) machines such as CNC (computer-numeric control) that help carve materials. You focus on either tool or die making, which are two manufacturing jobs that rely on each other.

Will I like it?

You've considered a "Necessity is the mother of all invention" tattoo.

Education Required:

High school diploma

Schools That Train: ^

- High school diploma

Who's Hiring: †

- Department of Homeland Security
- Hamill Manufacturing Company
- Lockheed Martin



Electronics Technician

\$63,660*

While helping electronics engineers create electrical products including computers and communication equipment, you consider the type of factory or site in which the tools are used. After creating prototypes, or samples of these pieces of equipment, you present these designs to supervisors. You also examine and maintain electrical circuits on tools to make sure they work effectively and safely.

Will I like it?

Raspberry pi is your obsession.

Education Required:

Associate degree in electrical or electronics engineering technology

Schools that Train: ^

- Brunswick Community College
- Eastfield College
- Spokane Falls Community College

Who's Hiring: †

- Aerotech, Inc.
- Apple
- Google



Mechanical Engineering Technician

\$55,360*

It is your job to support mechanical engineers who make tools and equipment. These duties could include sketching designs, analyzing data, and calculating the estimated cost to create products. Once blueprints and plans are created for making products, your job includes reviewing these details to make sure they are correct. You also test products to make sure all pieces work.

Will I like it?

You took your toaster apart to see if you could make it more efficient.

Education Required:

Associate degree in mechanical engineering technology

Schools that Train: ^

- Moraine Park Technical College
- Southeast Technical Institute
- Western Technical College

Who's Hiring: †

- Amazon
- Eaton
- Mitsubishi Electric Power Products, Inc.



Advanced Manufacturing Engineer

\$71,679*

Working with design engineers, you create the best processes for making new tools and equipment to save time and money for your company while making sure products are high quality. You also work with materials suppliers to make sure their processes, prices, and delivery schedules support your manufacturing goals.

Will I like it?

Forget flying—attention to detail is your superpower.

Education Required:

Bachelor's degree in mechanical engineering

Schools that Train: ^

- Florida Institute of Technology
- Idaho State University
- University of Alaska Fairbanks

Who's Hiring: †

- Apple
- General Motors
- Stanley Black & Decker