

10 TOP MANUFACTURING STEM JOBS BY SALARY



Manufacturing Engineer **SALARY \$60,000** **STEM TYPE Developer**

WHAT WILL I DO? How do they make that? That's the question you answer every day as you design and build manufacturing processes, tools and equipment for use in a plant or cleanroom.

WHY I'LL LIKE IT You skipped Lego and went straight for the erector set, then threw out the directions.

SCHOOLS THAT TRAIN

- Bradley University
- North Carolina State University
- Northwestern University
- Rochester Institute of Technology
- University of Wisconsin-Stout

WHO'S HIRING

- Alcoa
- GE Power and Water
- Parker Hannifin
- PPG
- Robert Bosch

Production Supervisor **SALARY \$51,000** **STEM TYPE Teacher**

WHAT WILL I DO? It's your job to make sure all of the workers are properly operating machinery and making sure assembly operations run smoothly and efficiently.

WHY I'LL LIKE IT When something breaks, you help people figure out how to fix it.

SCHOOLS THAT TRAIN

- Berea College
- Central Oregoaon C.C.
- Erie Institute of Technology
- ITI Technical College
- Marshall University

WHO'S HIRING

- 3M
- HJ Heinz
- Land O'Lakes
- Owens Corning
- Pilgrim's

Field Service Engineer **SALARY \$49,000** **STEM TYPE Advisor**

WHAT WILL I DO? You go to a worksite. You identify what went wrong and figure out how to fix it. Then you oversee the repair work and get the job site running again.

WHY I'LL LIKE IT You love Mcgyver and pattern your life after him.

SCHOOLS THAT TRAIN

- Brigham Young University-Provo
- California University of PA
- Dixie Applied Technology College
- Grove City College
- University of Dayton

WHO'S HIRING

- AT&T
- Diebold
- Siemens Industry
- Thermo Fisher Scientific
- Tyco

Inventory Specialist **SALARY \$49,000** **STEM TYPE Investigator**

WHAT WILL I DO? It's your job to know what the company has and how much of it. You review blueprints and product specifications to accurately determine amount of materials needed for a manufacturing or engineering project.

WHY I'LL LIKE IT You are a Lego champion.

SCHOOLS THAT TRAIN

- Harper College
- Illinois Valley C.C.
- Lake Land College
- Southwestern Illinois College
- Tacoma C.C.

WHO'S HIRING

- AgriVision
- Best Buy
- Owens and Minor
- Staples
- UPMC

Quality Technician **SALARY \$48,000** **STEM TYPE Regulator**

WHAT WILL I DO? You're the one who makes sure that the products made in a plant are safe and high-quality. You conduct audits and reviews to analyze data to ensure the quality of the work and the products.

WHY I'LL LIKE IT You believe that if it's worth doing, it's worth doing well.

SCHOOLS THAT TRAIN

- Asnuntuck C.C.
- California State University-Dominguez Hills
- Ferris State University
- St. Petersburg College
- University of Central Missouri

WHO'S HIRING

- Adecco
- Diamond Pet Foods
- GNC
- RTI Biologics
- Vulcan Materials Co.

Machinist **SALARY 42,000** **STEM TYPE Developer**

WHAT WILL I DO? You are the one who's inputting the programming codes on the machines that assemble products. You program them to make sure that they operate correctly and efficiently.

WHY I'LL LIKE IT You would rather make it than buy it.

SCHOOLS THAT TRAIN

- Asnuntuck C.C.
- BIR Training Center
- GateWay C.C.
- Hennepin Technical College
- Naugatuck Valley C.C.

WHO'S HIRING

- Graco
- Haas Automation
- Kurt J Lesker
- Mazak Corporation
- Rosenboom

Maintenance Technician **SALARY \$41,000** **STEM TYPE Explorer**

WHAT WILL I DO? You're the person who keeps a plant running. You'll design and run tests on mechanical and electrical systems to ensure proper working condition and standards.

WHY I'LL LIKE IT You are the one that puts the fires out.

SCHOOLS THAT TRAIN

- Albany Technical College
- Bluegrass Community and Technical College
- Georgia Northwestern Technical College
- Michigan Institute of Aviation and Technology

WHO'S HIRING

- Anheuser-Busch
- Eaton
- Stanley Black and Decker
- Tesla Motors
- WireCo

Safety Specialists **SALARY \$37,000** **STEM TYPE Regulator**

WHAT WILL I DO? It's like CSI for manufacturing. It's your job to perform forensic analysis and to investigate incidents in the plant to design better safety programs.

WHY I'LL LIKE IT You know that the fire should stay in the fire pit.

SCHOOLS THAT TRAIN

- Indiana University of PA
- Las Positas College
- Northeastern State University
- University of Central Oklahoma
- University of Idaho

WHO'S HIRING

- Alcoa
- AVIAN
- BASF
- Giant Eagle
- Paramount Citrus

Assembler **SALARY \$30,000** **STEM TYPE Operator**

WHAT WILL I DO? You build products. You get to assemble parts at floor stations and to identify units that fail tests or tolerance levels and repair as necessary.

WHY I'LL LIKE IT When something breaks, or needs to be assembled, people come to you.

SCHOOLS THAT TRAIN

- Carnegie Mellon University
- Lone Star College System
- Tennessee Technology Center at Dickson
- Utah Valley University
- Westmoreland County C.C.

WHO'S HIRING

- Applied Materials
- Benchmark Electronics
- Flowserve
- Piper Aircraft
- Toshiba

Machine Operator **SALARY \$30,000** **STEM TYPE Operator**

WHAT WILL I DO? It's kind of like a video game. You use controls to operate robotics and machines to build products in a plant.

WHY I'LL LIKE IT One of your bucket list items is to make a million of something.

SCHOOLS THAT TRAIN

- Somerset C.C.
- South Central Louisiana T.C.
- Sowel Technical C.C.
- University of Alaska
- West Kentucky C.T.C.

WHO'S HIRING

- Alcoa
- Briggs and Stratton
- Iowa Laser
- Olympic Steel
- Schwan