

Results: Take a Shop Class

Shop Class, Get a Job-

Job Title- Construction Laborer

Description- As a construction laborer you help build houses and other buildings, you clean and prepare job sites, dig trenches, put together scaffolding, and assist other workers. Oftentimes you do the work no one else wants to do. It isn't glamorous but it is a great way to learn the trade.

Pay- \$45,000 a year

Shop Class, Go to College-

Job Title- Maintenance and Repair Worker

Description- Everything would fall about without you. As a maintenance and repair worker you work in factories and test machines making sure they are in good working order. You may also complete minor building repairs and install new equipment.

Degree Earned- Certified Maintenance Technician (Certificate)

Pay- \$44,000 a year

Shop Class, Carpentry, No Portfolio, Get a Job-

Job Title- Cabinetmaker

Description- Cabinetmakers build wood projects like tables, chairs and cabinets using a variety of woodworking machines. While your job can be equal parts math and art it seems like most of your customers just want the same basic thing.

Pay- \$37,000 a year

Shop Class, Carpentry, Portfolio Complete, Get a Job-

Job Title- Carpenter

Description- You build structures made of wood (and comparable material like concrete) such as, building framework, rafters, stairways, and window or door frames. You also install drywall, or insulation. You often work outside in all kinds of weather including rain, wind, and heat.

Pay- \$48,000 a year

Shop Class, Carpentry, No Portfolio, Go to College-

Job Title- Construction Manager

Description- As a construction manager you plan, direct, and coordinate the building of homes, and office buildings. You also help design the construction project and oversee scheduling, budgeting, and implementation. On a construction site you are the person in charge.

Degree Earned- Bachelor's Degree in Construction Management

Pay- \$99,000 a year

Results: Take a Shop Class (Continued)

Shop Class, Carpentry, Portfolio Complete, Go to College- Civil Engineer

Job Title- Civil Engineer

Description- You help plan, design, and build roads, railroads, airports, bridges, harbors, dams, power plants, and water sewage systems. You build all the things a city needs in order to function.

Degree Earned- Bachelor's Degree in Civil Engineering or Construction Engineering

Pay- \$90,000 a year

Shop Class, Welding, No Portfolio, Get a Job

Job Title- Spot Welder

Description- Spot welders weld pieces of metal together using electrical current, pressure, and heat to make things like cars, batteries, and medical equipment. You may also use laser cutters or similar machines.

Pay- \$46,000 a year

Shop Class, Welding, Portfolio Complete, Get a Job

Job Title- Welder

Description- As a welder you use hand-welding, flame cutting, or brazing equipment to join pieces of heavy metal together. To be a successful welder you need to read blueprints, cut metal, and smooth molten metal.

Pay- \$47,000 a year

Shop Class, Welding, No Portfolio, Go to College

Job Title- Plumber

Description- Plumbers assemble, install and repair pipes, medical gas systems and heating, water and drainage systems. Basically plumbers work on things like: sinks, commodes, bathtubs, water heaters, hot water tanks, garbage disposal units, and dishwashers. Plumbers make sure everything is installed according to specifications and plumbing codes.

Degree Earned- Registered Apprenticeship: Plumber

Pay- \$79,000 a year

Shop Class, Welding, Portfolio Complete, Go to College

Job Title- Steamfitter

Description- Steamfitters install piping and tubing made of carbon steel, copper, plastic, glass or other metals using a variety of processes. These processes include brazing, welding, screwing, gluing, bending and mechanical joining. The pipes you install may contain gases or other chemicals.

Degree Earned- Registered Apprenticeship: Steamfitter

Pay- \$79,000 a year

Results: Be a Mathlete

Mathlete, Get a Job-

Job Title- Power Plant Technician

Description- You work in a power plant and make sure that everything is working the way it should. Your office is a control room where you monitor equipment and log your readings into a computer program. If all goes well you things don't blow up.

Pay- \$48,000 a year

Mathlete, Go to College-

Job Title- Financial Advisor

Description- You help private clients build wealth by using math to decide how to invest their money. Your job also requires you to stay on top of laws and political trends. If you like money and math this isn't a bad career but be careful your clients will be angry if you give them bad advice.

Degree Earned- B.S Economics

Pay- \$99,000 a year

Mathlete, Blueprint, No Portfolio, Get a Job-

Job Title- Lab Technician

Description- You work in a science lab conducting scientific tests making sure that the products we use are safe. As part of your job you get to light things on fire and break things which is really cool.

Pay- \$48,000 a year

Mathlete, Blueprint, Portfolio Complete, Get a Job-

Job Title- Machinist

Description- As a machinist you work in a factory running a machine that creates parts and tools out of metal. This means you read blueprints and take precise measurements to make sure you are cutting things correctly. Sometimes your job is like solving a jigsaw puzzle by building the puzzle piece.

Pay- \$49,200 a year

Mathlete, Blueprint, No Portfolio, Go to College-

Job Title- Industrial Engineer

Description- You plan, and design factories, you make sure that the factory runs as effectively as possible. You are constantly testing and redeveloping how people work in the factory to maximize production and profit.

Degree Earned- Bachelor's Degree in Engineering

Pay- \$99,000 a year

Results: Be a Mathlete (Continue)

Mathlete, Blueprint, Portfolio Complete, Go to College-

Job Title- Wind Energy Engineer

Description- As a wind energy engineer you help design and build wind power farms. This means you help identify where these farms should be built to generate the most renewable energy possible. You also get to help design the wind turbines and systems that turn wind into power.

Degree Earned- Bachelor's Degree in Engineering

Pay- \$97,000 a year

Mathlete, Spreadsheet, No Portfolio, Get a Job

Job Title- Office Assistant

Description- You do the jobs that no one else seems to have time for. This includes answering phones, scheduling meetings, paying bills, and keeping everyone organized and on schedule.

Pay- \$37,700 a year

Mathlete, Spreadsheet, Portfolio Complete, Get a Job

Job Title- Accounting Assistant

Description- As an accounting assistant you are in charge of ensuring that everyone gets paid and the company has enough money to keep running. You spend your days adding numbers to spreadsheets, going to meetings, and helping people solve money problems.

Pay- \$46,900 a year

Mathlete, Spreadsheet, No Portfolio, Go to College

Job Title- Financial Investigator

Description- You work with law enforcement and other investigators to investigate financial laws. You review bank records, real estate transactions, and other financial records to ensure that no laws were broken.

Degree Earned- Bachelor's Degree in Accounting

Pay- \$79,000 a year

Mathlete, Spreadsheet, Portfolio Complete, Go to College

Job Title- Certified Public Accountant

Description- Show me the money! As an accountant that is exactly what you do. You review your client's financial records to make sure that money is where it is supposed to be. You also give advice on financial matters to ensure your clients continue have enough money to do what they want.

Degree Earned- Bachelor's Degree in Accounting

Pay- \$75,000 a year

Results: Join A Robotics Club

Robotics, Get a Job-

Job Title- Aircraft Line Assembler

Description- Working on an assembly line you help build and install aircraft parts. You must be able to read blueprints and use basic tools. This job is repetitive but in the end you get to say that you helped build a plane and that's really cool.

Pay- \$76,000 a year

Robotics, Go to College-

Job Title- Robotics Technician

Description- Working in a factory your job is to fix and maintain the robotic equipment. You are responsible for fixing everything from robotic arms, to automated welding machines, and robotic painting machines.

Degree Earned- Associate Degree Mechatronics

Pay- \$47,000 a year

Robotics, Computer Coding, No Portfolio, Get a Job-

Job Title- Computer Support Specialist

Description- All day long people call you in a panic because their computer isn't working. Your job is to fix people's computers or help them learn how to use their computer, phones, tablets and other devices effectively.

Pay- \$58,000 a year

Robotics, Computer Coding, Portfolio Complete, Get a Job-

Job Title- Automotive Service Technician

Description- When a car breaks down, you are the one they call. You take things apart, figure out what is broken, use tools and equipment to fix the broken part, and reassemble the machine. You also help complete routine maintenance like changing the oil, rotating tires, and other similar tasks.

Pay- \$47,000 a year

Robotics, Computer Coding, No Portfolio, Go to College-

Job Title- Video Game Designer

Description- You work on a team of computer scientists and artists to design the next great computer game. Your work involves finding and fixing glitches in games and helping write the computer code to make the game function properly.

Degree Earned- Bachelor's Degree in Computer Science

Pay- \$79,000 a year

Results: Robotics (Continue)

Robotics, Computer Coding, Portfolio Complete, Go to College-

Job Title- Robotics Engineer

Description- Your job is to build robots. You build robotic arms for factories that move things from one place to another and robotic machines that can weld metal together.

Degree Earned- Bachelor's Degree in Engineering

Pay- \$97,000 a year

Robotics, Electrical Wiring, No Portfolio, Get a Job

Job Title- Electrician Helper

Description- As an electrician helper you assist electricians. You do everything from holding tools and flashlights, to cleaning the work area and other related tasks. While the work isn't challenging it is a great way to learn more about how to be an electrician.

Pay- \$38,000 a year

Robotics, Electrical Wiring, Portfolio Complete, Get a Job

Job Title- Farm Equipment Mechanic

Description- When a farmer has a broken tractor, harvester or other large equipment they call you to fix it. You take things apart, figure out what is broken, use tools and equipment to fix the broken part, and reassemble the machine. Your job includes a lot of trial and error and no two days are the same.

Pay- \$49,800 a year

Robotics, Electrical Wiring, No Portfolio, Go to College

Job Title- Electrician

Description- You have a highly skilled job. You install electrical wiring, equipment, and fixtures. You are also responsible for ensuring that everything is up to code. When you do your job correctly it is the brightest job around, when you do it poorly you risk setting the job site on fire or worse.

Degree Earned- Electrical Apprentice

Pay- \$80,000 a year

Robotics, Electrical Wiring, Portfolio Complete, Go to College

Job Title- Electrical Engineer

Description- As an Electrical Engineer you help build electrical components that are used in commercial, industrial, and military products. That means you help build electric motors for cars, radar and navigation systems, and power systems.

Degree Earned- Bachelor's Degree in Engineering

Pay- \$100,000 a year