



## STEM Career Pathway: Tech Trades

### Explore High-Demand Careers in Skilled Trades

Do you enjoy working with your hands, solving technical problems, and seeing the results of your work? Careers in technical trades offer job security, great pay, and opportunities for advancement in a variety of industries!

#### Careers in Tech Trades

✓ **Electrician** – Installs and repairs electrical systems in homes, businesses, and factories

✓ **HVAC Technician** – Installs and maintains heating, ventilation, and air conditioning systems

✓ **Welder** – Uses specialized equipment to join metal parts for construction and manufacturing

✓ **Plumber** – Installs and repairs pipes, water systems, and drainage systems

👉 *Skilled trades are in high demand, and many jobs offer strong wages without requiring a four-year degree!*

#### Ready to explore more?

Contact **Apprenticeship Missouri** at [apprenticeship@dhewd.mo.gov](mailto:apprenticeship@dhewd.mo.gov) to learn more about careers in skilled trades!

### Apprenticeship & Training

- ✓ Most technical trades offer paid apprenticeships, combining classroom instruction with hands-on training
- ✓ Certifications such as OSHA safety training, Journeyman Licenses, and industry-specific credentials improve job prospects
- ✓ Many community colleges and trade schools offer short-term training programs

### Key Skills for Success

- ✓ **Technical Skills:** Electrical wiring, blueprint reading, mechanical knowledge, welding techniques
- ✓ **Soft Skills:** Critical thinking, teamwork, adaptability, time management
- ✓ **Certifications or Degrees:** Apprenticeship programs, OSHA certifications, state licensing

### How to Get Started

- ✓ Take shop, engineering or robotics courses in high school
- ✓ Enroll in apprenticeships or hands-on training programs
- ✓ Earn certifications like NIMS or Lean Manufacturing
- ✓ Explore opportunities at local manufacturing and technology companies



Scan or [click here](#) to find a program of interest!

