



CAREERTECH WV

MANUFACTURING



WHAT IS IT?

Are you a problem solver and troubleshooter? Do you enjoy designing things? Manufacturing is focused on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities, such as production planning and control, maintenance, and manufacturing/process engineering.

HIGH SCHOOL PROGRAMS OF STUDY:

- ▶ Aviation Maintenance Technician
- ▶ Industrial Equipment Maintenance
- ▶ Industrial Robotics
- ▶ Integrated Production Technologies (AC)
- ▶ Machine Tool Technology
- ▶ Millwork and Cabinetmaking
- ▶ Robotics
- ▶ Welding

STUDENT CREDENTIALS:

- ▶ Electronics Technicians Association (ETA) CETa
- ▶ FAA Part 107 Remote Pilot Certification
- ▶ FANUC Certified Robot Operator-1 & 2
- ▶ National Institute for Metalworking Skills (NIMS)
- ▶ WV Welders Certification FCAW, GMAW, GTAW & SMAW Pipe

LEADS TO THESE CAREERS:

- ▶ Industrial Machinery Mechanic
- ▶ Mechanical Engineering Technician
- ▶ Structural Metal Fabricator/Fitter
- ▶ Tool and Die Maker
- ▶ Welder/Cutter
- ▶ Wind Turbine Service Technician

JOB OUTLOOK

Mechanical Engineering Technician



AVG SALARY

\$57,080



EDUCATION LEVEL

Associate's Degree



JOB OUTLOOK

Stable

Industrial Machinery Mechanic



AVG SALARY

\$52,570



EDUCATION LEVEL

One to two years post-secondary training



JOB OUTLOOK

Stable

Welder/Cutter



AVG SALARY

\$50,440



EDUCATION LEVEL

High school preferred, plus moderate, on-the-job training



JOB OUTLOOK

Stable