

Career Major:

Press Brake Operator



Pathway:
Welding and Metal Fabrication

Cluster:
Manufacturing

Career description:

Beginning career for Precision Metal Fabricator. Sets up and operates powerbrake machines to bend, form, stretch, notch, punch or straighten metal plates as specified by work order, blueprints, drawings, templates or layouts. Applies knowledge of metal properties, blueprints, and safety.

Courses:

- Beginning Fundamentals for Press Brake
- Die Bending Operations
- Fundamental of Cutting Processes
- Fundamentals of Computer Aided Drafting and Design
- Fundamentals of Metal Fabrication
- Fundamentals of Press Brake Operations
- Metal Characteristics and Properties
- Metal Preparation and Heat Treatments
- Operating Press Brake
- Oxyfuel Cutting
- Press Brake Components
- Press Brake Equipment Set-up
- Press Brake Safety
- Press Brake Specifications
- Weld Quality
- Welding Blueprints
- Welding Detail Drawings
- Workforce Connection
- Workforce Staging

Additional Career Majors In This Pathway:

- Robotic Welding Operational Technician
- Plate Roller Operator
- Plasma/Flame Burn Table Operator
- Metal Fabricator

AVERAGE SALARY

\$24,750/year

Program Length:

720 hours

Who Can Attend:

High school students or adults

Schedules Available:

Morning class: 8:10-11:00 am
Afternoon class: 12:40-3:30 pm

FULL-TIME STUDENTS:

Attend both sessions.

Entrance Requirements:

If you are a high school student, please contact your high school counselor about enrollment. Prospective adult students should contact a Meridian career counselor for enrollment information.

Tuition:

Tuition is free for students enrolled in one of our district high schools. Students can attend during their junior and senior years or during their senior year and the year following graduation. Scholarships are available to qualified applicants who graduate from one of our district high schools if they enroll within two years of graduation. Adult tuition is based on the number of hours in the chosen career major. A Meridian career counselor will be able to provide more information.

College Credit:

College credit is available for this career. Please contact a Meridian career counselor for more information.

Licensure/Certification:

In addition to certification from Meridian, the National Institute of Metalworking Skills, Press Brake Level II and III certifications are available. For more information visit their Web site at: www.nims-skills.org/cred/cred.htm.