

AMT 120B : Auto Metal Work and Welding

Credits: 4

Class Hours: 8 lecture/lab

Description: This course is designed to acquaint the student with the basic skills used in auto body welding. Emphasis will be placed on safety; protective clothing; tools and equipment procedures; and techniques of gas metal arc welding (GMAW), oxyacetylene gas welding, and plasma arc cutting.

Semester Offered: Fall, Spring

Course Student Learning Outcomes (CSLOs):

1. Demonstrate methods and techniques using the appropriate tools and equipment to perform Oxy/Acetylene, MIG, and Squeeze Type Resistance welds.
2. Demonstrate an understanding of personal and environmental safety practices and observe all industry standards of safety.
3. Demonstrate an understanding of proper set up and use of welding and cutting equipment for specific applications.
4. Demonstrate methods and techniques using the appropriate tools and equipment to perform Oxy/Acetylene and Plasma cutting.