Introduces welding which includes welding safety, environmental awareness, oxy-acetylene welding, cutting, and brazing as well as shielded metal-arc.

Prerequisites: WELD211 Develops the student's manual skills necessary to produce high quality gas welds and flame cuts. The student learns to set up the equipment for all phases of oxy-acetylene welding and cutting. The shielded metal-arc welding section develops entry level skills for welders. This course specifically develops basic shielded metal arc welding skills such as striking the arc, maintaining proper arc length, adjusting equipment and manipulating the electrode.

Prerequisites: WELD211 or consent of instructor Continues MTL 212 with emphasis on developing welding skills for SMAW, GMAW, GTAW production in overhead, flat, horizontal, and vertical positions.

Prerequisites: WELD221 Continues MTL 212 with emphasis on developing welding skills for SMAW, GMAW, and GTAW production in overhead, flat, horizontal, and vertical positions.

Prerequisites: Consent of instructor Offers welding