

C. Cutting torches and tips

D.

- H. Electrode (wire) feed unit
 - I. GMAW spot welding
 - J. Setup of GMAW equipment
 - K. Wire speed feed
 - L. Arc voltage and amperage characteristics
 - M. Electrode extension
 - N. Welding gun angle
 - O. Metal preparation
- VII. Gas Tungsten Arc Welding (GTAW) (TIG welding)
- A. Equipment and setup
 - B. Types of tungsten electrodes
 - C. Shaping the tungsten
 - D. Types of welding current
 - E. Shielding gases
 - F. Pre-flow and post flow
 - G. Shielding gas flow rates
 - H. Remote controls
 - I. Torch angle
 - J. Filler rod manipulation
 - K. Tungsten contamination
 - L. Current setting

REQUIRED TEXTBOOK AND MATERIAL:

To be determined by the faculty.

Miller Open Book Welding online instruction.