

# ARS 251: Specialized Welding Processes

This course is an overview of the basics of metals joining using processes other than electric arc. Topics include safety; brazing; soldering; diffusion bonding; and welding processes such as resistance, laser, electron beam, ultrasonic, friction, inertia, explosion, upset, thermite, and forge.

**Credits:** 3

**Prerequisites:**

ARS 153

**Program:** Aerospace Technology

**Experimental Laboratory Credit:** 2

**Theory Credit:** 2