WLD135 : FLUX CORE ARC-WELDING

This course introduces the fundamental concepts and techniques involved with the flux core arc welding process, safety hazards and proper procedures, equipment assembly, electrical theory and machine selection, maintenance and repair, safety testing, and the production of quality groove and fillet welds in the 1G, 2G, 3G, 1F, 2F, and 3F positions. Students will develop a theoretical understanding of the FCAW process and then build upon that foundation through practical experience in the laboratory where a variety of welding techniques will be taught through practical exercises and reinforced through self and peer inspection.

Clock Hours	60
Lab Hours	40
Lecture Hours	20
Quarter Credits	4
Prerequisites	WLD101