WLD140 : FLUX CORE ARC-WELDING APPLICATIONS

This course covers advanced concepts and techniques involved with the flux core arc welding process, as well as content such as safety hazards and proper procedures, equipment assembly, electrical theory and machine selection, maintenance and repair, and safety testing. Additionally, students will produce of-quality fillet and groove welds in the, 1F, 2F, 3F, and 4F and 1G, 2G, 3G, and 4G positions. Students will develop the FCAW-S 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.

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