

WELDING TECHNOLOGY AND AWS-3F CERTIFICATION PREPARATION, CERTIFICATE OF COMPLETION

Non-Pell Eligible (Students may not use Pell funding for this certificate. Grants may be available. See your advisor.)

Curriculum Code #C610

Effective May 2026

The welding technology and AWS-3F certification preparation certificate provides students with the skills necessary to pass one of the three categories the American Welding Society AWS-3F certifications, and the knowledge and skills necessary for entry-level employment in a variety of industries that utilize welding. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

Semester I		Hours
WTEC 108	OXY-FUEL WELDING AND CUTTING ¹	2
WTEC 111	WELDING SPECIFICATIONS/PRINT READING	2
Select one of the following: ²		3
WTEC 116	BASIC SHIELDED METAL ARC WELDING ¹	
WTEC 216	WIRE FED PROCESSES	
WTEC 217	GAS TUNGSTEN ARC WELDING	
Hours		7
Total Hours		7

¹ Indicates that this course has a prerequisite or may be taken concurrently.

² Indicates that the student may select to enroll in WTEC 116 or WTEC 216 or WTEC 217 to pursue one of the following AWS-3F certifications respectively: Shielded Metal Arc Welding (SMAW) or Gas Metal Arc Welding (GMAW) or Gas Tungsten Arc Welding (GTAW).

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (<http://www.lorainccc.edu/PLA>)