

WELDING TECHNOLOGY - GAS METAL ARC WELDING, CERTIFICATE OF COMPLETION

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

Curriculum Code #C613

Effective May 2026

This welding technical certificate of completion recognizes the student who has completed a core group of welding courses. This collection of courses will provide the student with specialized knowledge and skills to prepare for entry-level employment and preparation to pass the American Welding Society (AWS) 3F certification. Students may enter a variety of industries that utilize gas metal arc welding. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

First Year

Fall Semester	Hours
WTEC 111 WELDING SPECIFICATIONS/PRINT READING	2
WTEC 216 WIRE FED PROCESSES	3
Hours	5
Total Hours	5

Note: This program can be taken as part of the Boilermakers training program. Welding Technology (WTEC) courses should be taken under the subject code of Boilermakers (BMKR).

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>)

Program Learning Outcomes

1. Demonstrate knowledge, techniques and skills in basic principles and practices of gas metal arc welding (GMAW).
2. Demonstrate an ability to function effectively as a member of a technical team.