

WELDING TECHNOLOGY - BASIC WELDING, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6006

Effective May 2026

Division of Engineering, Business and Information Technologies (<http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/>)

The welding short-term technical certificate 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 be prepared 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 LCCC's University Partnership.

Code	Title	Hours
REQUIRED COURSES		
SDEV 102	STRATEGIES FOR CREATING COLLEGE SUCCESS	3
SDEV 104	JOB SEARCH STRATEGIES	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
WTEC 111	WELDING SPECIFICATIONS/PRINT READING	2
WTEC 112	WELDING CODES AND STANDARDS ¹	2
WTEC 116	BASIC SHIELDED METAL ARC WELDING ²	3
WTEC 216	WIRE FED PROCESSES	3
Total Hours		17

¹ Indicates that this course has a prerequisite.

² Indicates that this course requires a prerequisite or may be taken concurrently

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).

Program Contact(s):

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/>).

More program information can be found on our website.
(<https://www.lorainccc.edu/engineering/welding/basic-welding-short-term-certificate/>)

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 an ability to read Blue Prints.
2. Implement welding projects using basic shield metal arc welding and wire-fed processes.