WELDING TECHNOLOGY - WELDING, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6009

Effective May 2024

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 Lorain County Community College's University Partnership.

Preferred Sequence

Fall Semester		Hours
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [1]	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
WTEC 108	OXY-FUEL WELDING AND CUTTING [2]	2
WTEC 111	WELDING SPECIFICATIONS/PRINT READING	2
WTEC 116	BASIC SHIELDED METAL ARC WELDING [2]	3
	Hours	**11**
Spring Semester		
WTEC 216	WIRE FED PROCESSES [3]	3
WTEC 217 or WTEC 212	GAS TUNGSTEN ARC WELDING [3] or WELDING FABRICATION, LAYOUT/DESIGN	3-4
	Hours	**6-7**
Summer Semester		
WTEC 112	WELDING CODES AND STANDARDS [3]	2
	Hours	**2**
	Total Hours	**19-20**

[1]

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

[2]

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

[3]

Indicates that this course requires a prerequisite.

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).

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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/welding-technology-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. Apply technical problem-solving techniques to welding projects.
2. Demonstrate an ability to complete welding project fabrications using multiple welding methods, techniques and tools.