WELDING TECHNOLOGY - WELDING AND VISUAL INSPECTION, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6013

Effective May 2023

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

The short-term certificate recognizes the student who has completed a core group of welding courses in welding and visual inspection. The 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.

First Year

Semester I		Hours
EMCH 112	ENGINEERING MATERIALS	3
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [2]	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 [1]	3
WTEC 221	WELD QUALITY INSPECTION [1]	3
	Hours	**17**
	Total Hours	**17**

[1]

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

[2]

 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.

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):

Taylor Sabo
440-366-7029
tsabo@lorainccc.edu

Larry Waller
440-366-7030
lwaller@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your Advising and Counseling Team (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/). (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-visual-inspection-short-term-technical-certificate/)

Program Learning Outcomes

1. Demonstrate an ability to inspect the quality of basic shield metal arc welded devices.
2. Demonstrate an ability to use technical problem-solving principles.
3. Implement welding projects according to welding codes and standards.