

Welding/Fabrication Technology - Level 2 Intermediate (WEL.LV2.CT)

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.

Certificate

Engineering/Manufacturing and Industrial Technology

Auburn Hills Campus

This certificate further enhances student skills in welding and fabrication.

The certificate also allows students the chance to attain nationally recognized certifications through the Lincoln Electric LEEPS/National Coalition of Certification Centers (NC3) program, and prepares students to enter the occupation as a welder/fabricator.

Program Webpage - Click Here (<https://www.oaklandcc.edu/programs/wel/default.aspx>)

Program Plan Example - Click Here (<https://www.oaklandcc.edu/plans/2022/wel.lv2.ct.2022.pdf>)

Program Outcomes – Click Here (<https://www.oaklandcc.edu/programs/outcomes/WEL.LV2.CT.ProgramOutcomes.pdf>)

Code	Title	Credit Hours
Major Requirements		
Complete Level I Fundamentals program (WEL.LV1.CA). Consists of the following 4 courses.		14
TED 1030	Basic Blueprint Reading	3
WEL 1500	Welding Fundamentals	3
WEL 1600	Basic Welding	4
WEL 1700	Fabrication Basics	4
WEL 2500	Advanced Welding	5
WEL 2600	Welding of Advanced Materials	5
WEL 2700	Welding and Fabrication Capstone	5
Required Supportive Courses		
MSE 1000	Material Science Fundamentals-Metallurgy	3
or MSE 1200	Welding Metallurgy	3
and choose one or more from the following:		3-4
BUS 1210	Small Business Basics	3
CAD 1101	Introduction to CAD	4
DDT 1000	Fundamentals for the Drafting Industry	3
MTT 1100	Introduction to Machine Tools	3
Total Credit Hours		35-36