

# Welding/Fabrication Technology-Level 2 Intermediate (WEL.LV2.CT) - Full Time - Fall Start 2021-2022

\*\*Students should meet with an OCC counselor before attempting this plan of study\*\*

## Year 1 - FALL

COURSES		
WEL 1500 <sup>1</sup>	Welding Fundamentals	3
WEL 1600 <sup>2</sup>	Basic Welding	4
WEL 1700	Fabrication Basics	4
TED 1030	Basic Blueprint Reading	3
<b>TOTAL CREDITS:</b>		<b>14</b>

## Year 1 – WINTER

COURSES		
WEL 2500 <sup>3</sup>	Advanced Welding	5
WEL 2600 <sup>4</sup>	Welding of Advanced Materials	5
MSE 1000 Material Science Fundamentals-Metallurgy or MSE 1200 Welding Metallurgy		3
<b>TOTAL CREDITS:</b>		<b>13</b>
<b>MILESTONE:</b> Make an appointment to meet with a Counselor to apply for graduation for this certificate.		

## Year 1 - SUMMER

COURSES		
WEL 2700 <sup>5</sup>	Welding and Fabrication Capstone	5
Required Supportive Course* (Choose One)		3-4
<b>TOTAL CREDITS:</b>		<b>8-9</b>

### \*Required Supportive Course (Choose One)

MTT 1100 Introduction to Machine Tools	3
BUS 1210 Small Business Basics	3
CAD 1101 Introduction to CAD	4
DDT 1000 Fundamentals for the Drafting Industry	3

## Total Credits: 35-36

<sup>1</sup> Co-req. of WEL 1600 taken concurrently.

<sup>2</sup> Co-req. of WEL 1500 taken concurrently.

<sup>3</sup> Pre-req. of WEL 1500 and WEL 1600; or consent of instructor.

<sup>4</sup> Pre-req. of WEL 1500 and WEL 1600; or consent of instructor.

<sup>5</sup> Pre-req. of WEL 1500, WEL 1600, WEL 1700, WEL 2500, WEL 2600, and TED 1030; or consent of instructor