

# Certificate

## Welding

### Year 1

1st Semester			Credit	Contact	√
MATH	102	Introduction to Technical Math	4	4	
TECH	101	Blueprint Reading	2	3	
WELD	110	Oxygen Fuel Welding and Cutting	3	4	
WELD	120	Arc Welding	4	6	
WELD	220	Gas Metal Arc Welding MIG	4	6	
Total Hours:			17	23	

2nd Semester			Credit	Contact	√
TECH	100	Basic Machine Tool Operation	4	6	
TECH	105	Materials of Industry	4	4	
WELD	210	Advanced Arc Welding	4	6	
WELD	260	Gas Tungsten Arc Welding TIG	4	6	
Total Hours:			16	22	

<b>Program Total:</b>	<b>33</b>	<b>45</b>
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Notes: WELD 240 (Basic Pipe Welding) and WELD 280 (Advanced Pipe Welding) are not part of the certificate program but are offered for those who are interested in pursuing a career in the pipe welding field. This map is intended to be used in conjunction with your academic advisor.