



**Certificate of Proficiency
Manufacturing Welding (15ch)
Technical Certificate
Welding (33 ch)**

PROGRAM DESCRIPTION :

This program prepares students to enter the manufacturing workforce as an entry level wire welder.

Semester 1					
Option 1			Option 2		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
WELD1018	Manufacturing Welding	8	WELD1203	Gas Metal Arc Welding	3
WELD1027	Heavy Manufacturing Welding	7	WELD1603	Trade Skills	3
WELD1057	Welding Internship		OR	WELD2203	Advanced Wire Welding
			WELD2413	Welding Fabrication	3
			WELD2513	Blueprint Reading	3
Total Hours		15	Total Hours		15
1483/48.0508 Certificate of Proficiency - Manufacturing Welding (option 1)			1483/48.0508 Certificate of Proficiency - Manufacturing Welding (Option 2)		
Semester 2					
Course No.	Course Name	Hours			
ENG1203	Workplace Essentials	3			
MATH1013	Mathematical Applications	3			
WELD1036	Shielded Metal Arc Welding	6			
WELD1046	Precision Welding and Cutting	6			
Total Hours		18			

ADDITIONAL NOTES:

*NOTE: IGNITE students pathway option #2 must take ENG 1203 Workplace Essentials and UNIV 1001 College and Life Skills