



Technical Certificate Welding (30 ch)

PROGRAM DESCRIPTION :

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

Option 1			Option 2		
First Semester			First Year		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
WELD1016	Manufacturing Welding	6	ENG1203	Workplace Essentials	3
WELD1036	Shielded Metal Arc Welding	6	WELD1203	Gas Metal Arc Welding	3
MATH1013	Mathematical Applications	3	WELD1303	Introduction to SMAW	3
Total Hours		15	Total Hours		9
			Second Year		
			Course No.	Course Name	Hours
			WELD2203	Advanced Wire Welding	3
			WELD2303	Advanced SMAW	3
			Total Hours		6
Second Semester			Second Year		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
ENG1203	Workplace Essentials	3	MATH1013	Mathematical Applications	3
WELD1026	Heavy Manufacturing Welding	6	WELD1026	Heavy Manufacturing Welding	6
WELD1046	Precision Welding and Cutting	6	WELD1046	Precision Welding and Cutting	6
Total Hours		15	Total Hours		15

ADDITIONAL NOTES:

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