Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.

Welding Gas Metal Arc and Flux Cored Arc

Certificate in Applied Science
Credit Requirements: 24 Semester Credit Hours
Spring Semester Start

This certificate teaches beginning and intermediate welding students the principles and practices of gas metal arc and flux cored arc welding in preparation for entry into the welding fields of manufacturing, construction, transportation and maintenance.

Admission into this program requires qualifying scores on SAT, ACT or TTC’s placement test. High school graduation is not required if you are at least 18 years old.

Recommended Sequence of Courses
First Semester – Spring
WLD 110 Welding Safety and Health 1
WLD 118 Gas Metal Arc Welding Ferrous I 4
WLD 119 Gas Metal Arc Welding Ferrous II 1
Total 6

Second Semester – Summer
WLD 120 Flux Cored Arc Welding I 4
WLD 121 Flux Cored Arc Welding II 1
Total 5

Third Semester – Fall
EGT 114 Welding Print Basics 2
WLD 122 Gas Metal Arc Welding Non-Ferrous I 4
WLD 123 Gas Metal Arc Welding Non-Ferrous II 1
WLD 141 Weld Quality 2
Total 9

Fourth Semester – Spring
EGT 117 Welding Print Principles 2
WLD 201 Welding Metallurgy 2
Total 4

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