

2022-2023 TTC Catalog

Welding Gas Metal Arc and Flux Cored Arc

Certificate in Applied Science

26 Credit Hours

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.

Major Requirements

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

WLD 120 Flux Cored Arc Welding I 4

WLD 123 Gas Metal Arc Welding Non-Ferrous II 1

WLD 127 Structural Blueprints I 3

WLD 141 Weld Quality 2

WLD 201 Welding Metallurgy 2

WLD 203 Structural Blueprints II 2

WLD 232 Gas Metal Arc-Flux Cored Arc Welding Pipe II 2

WLD 150 Specialized Welding 4

or

WLD 231 Gas Metal Arc and Flux Cored Arc Welding Pipe I 4

Total: 26 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.