

2025-2026 TTC Catalog

Welding Gas Tungsten Arc

Certificate in Applied Science

22 Credit Hours

This certificate teaches beginning and intermediate welding students the principles and practices of gas tungsten arc welding carbon steel, aluminum and stainless steel sheet metal, plate and tubing.

Major Requirements

IET 223 Industrial Safety 3
WLD 127 Structural Blueprints I 3
WLD 132 Inert Gas Welding Ferrous 4
WLD 133 Inert Gas Welding Ferrous Tubing 1
WLD 137 Inert Gas Welding Aluminum Tubing 1
WLD 141 Weld Quality 2
WLD 201 Welding Metallurgy 2
WLD 203 Structural Blueprints II 2
WLD 228 Inert Gas Welding Pipe I 4

Total: 22

Admission Requirements

Students who are at least 18 years old and have acceptable scores from the SAT, ACT or placement test can be admitted into this program without a high school diploma or GED.