

# 2024-2025 TTC Catalog

## Welding Gas Tungsten Arc

### Certificate in Applied Science

#### 26 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

WLD 110 Welding Safety and Health 1  
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 152 Tungsten Arc Welding 4  
WLD 201 Welding Metallurgy 2  
WLD 203 Structural Blueprints II 2  
WLD 228 Inert Gas Welding Pipe I 4  
WLD 229 Inert Gas Welding Pipe II 2

Total: 26

#### 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.