

# 2019-2020 TTC Catalog

## Welding Gas Tungsten Arc

### Certificate in Applied Science

#### 25 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

- EGT 114 Welding Print Basics 2
- EGT 117 Welding Print Principles 2
- WLD 110 Welding Safety and Health 1
- 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 228 Inert Gas Welding Pipe I 4
- WLD 229 Inert Gas Welding Pipe II 2

Total: 25 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.