

# 2021-2022 TTC Catalog

## Welding Shielded Metal Arc

### Certificate in Applied Science

#### 25 Credit Hours

This certificate teaches beginning and intermediate welding students the principles and practices of shielded metal arc welding in preparation for entry into the welding fields of construction, fabrication and maintenance.

#### Major Requirements

EGT 114 Welding Print Basics 2  
EGT 117 Welding Print Principles 2  
WLD 110 Welding Safety and Health 1  
WLD 111 Arc Welding I 4  
WLD 114 Advanced Arc Welding 1  
WLD 141 Weld Quality 2  
WLD 145 Field Welding 2  
WLD 170 Qualification Welding 4  
WLD 201 Welding Metallurgy 2  
WLD 226 Arc Welding Pipe II 1  
WLD 222 Advanced Fabrication Welding 4  
or  
WLD 225 Arc Welding Pipe I 4

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.