

# Degree & Certificate Requirements

## Welding Technology One-Year Certificate PROFESSIONAL TECHNICAL 2020-2021 Certificate Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
WT 101	Oxy-Acetylene Process	1		
WT 111	Oxy-Acetylene Process Lab	3		
WT 112	Introduction to Shield Metal Arc Welding	9-10		
WT 103	Fundamentals Major Processes & their Consumables	5		
WT 113	Advanced Shield Metal Arc Welding	9-10		
WT 140	Shield Metal Arc Certification Preparation	1-5		
WT 141	Shield Metal Arc Welding Certification	1-5		
WT 108	Fabrication Technique I	1		
WT 181	Fabrication Techniques I Lab	3		

**Subtotal 33-43**

### Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BPR 106	Blueprint Reading I (WT)	3		
DRW 106	Mechanical Drawing for Vocational Application	3		
INT 105	Precision Measurement	1		

**Subtotal 7**

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH 100	Algebraic Tools for Vocational Application	3		
<b>English - select 5 credits from the following:</b>				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
<b>Human Relations - select 3-5 credits from the following:</b>				
PSYC 103	Applied Psychology	3		
PSYC&100	General Psychology [S/B]	5		
BUS 271	Human Relations Business	5		
<b>Communication Studies - select 3 credits from the following:</b>				
CMST 103	Workplace Communication	3		
CMST 110	Communication Behavior [C]	3		

**Subtotal 14-16**

**Total Credits Required 54-66**

### Note:

WT 103, 112, 113 and 141 are variable credit courses. Variable credit courses taken of the same class in the evening must be done within four consecutive quarters.