

Degree & Certificate Requirements

Welding Technology One-Year Certificate PROFESSIONAL TECHNICAL 2022-2023 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		

Subtotal 6

General Education

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

Subtotal 16-18

Total Credits Required 55-67

Note:

Students must earn a minimum 2.0 grade in all WT, BPR, and DRW courses.

Required minimum cumulative GPA 2.0

WT 112, 113, 140 and 141 are variable credit courses. Variable credit courses taken of the same class in the evening must be done within four consecutive quarters.