

# Welding Technology One-Year Certificate

PROFESSIONAL TECHNICAL

2016-2017 Certificate Requirements

## Major Courses

Course	No.	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*	Fund of Major Processes and their Consumables	5		
WT	113*	Advanced Shield Metal Arc Welding	9-10		
WT	141*	Shield Metal Arc Welding Certification <i>or</i>	9-10		
WT	151*	Gas Metal Arc Welding (MIG) Certificate	9-10		
WT	108	Fabrication Technique I	1		
WT	181	Fabrication Technique I Lab	3		

**Subtotal 40-43**

## Major Support

Course	No.	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	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
MATH	100	Algebraic Tools for Vocational Application	3		
<b>English (select 5 credits)</b>					
ENGL&	101	English Composition I <i>or</i>	5		
ENGL	103	Writing in the Workplace	5		
<b>Human Relations (select 3-5 credits)</b>					
PSYC	103	Applied Psychology <i>or</i>	3		
PSYC&	100	General Psychology <i>or</i>	5		
PSYC	201	Social Psychology <i>or</i>	5		
BUS	271	Human Relations Business	5		
<b>Communication Studies (select 3-5 credits)</b>					
CMST	101	Speech Essentials <i>or</i>	3		
CMST	110	Communication Behavior <i>or</i>	3		
CMST&	210	Interpersonal Communication <i>or</i>	5		
CMST&	220	Public Speaking <i>or</i>	5		
CMST	260	Multicultural Communication	5		

**Subtotal 14-18**

**Total Credits Required 60-67**

\*These are variable credit courses. Variable credit courses taken of the same class in the evening must be done within four consecutive quarters.