

Associate in Applied Science in Welding Technology

PROFESSIONAL TECHNICAL
2012-2013 Degree Requirements

Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
WT	101	Oxy-Acetylene Process	1		
WT	1011	Oxy-Acetylene Process Lab	3		
WT	1021*	Introduction to Shield Metal Arc Welding	10		
WT	103*	Fund of Major Processes and their Consumables	5		
WT	1031*	Advanced Shield Metal Arc Welding	10		
WT	1041*	Shield Metal Arc Welding Certification or	10		
WT	1051*	Gas Metal Arc Welding (MIG) Certificate	10		
WT	108	Fabrication Technique I	1		
WT	1081	Fabrication Technique I Lab	3		
WT	201*	Weldability of Metals	5		
WT	2011*	Introduction to Pipe Welding	10		
WT	202*	Welding Inspection	5		
WT	2021*	Gas Tungsten Arc Welding (TIG)	10		
WT	2031*	Pipe Welding Certification	10		
WT	208	Fabrication Technique II	1		
WT	2081	Fabrication Technique II Lab	3		

Subtotal 87

Major Support

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
BPR	106	Blueprint Reading I (WT)	3		
BPR	206	Blueprint Reading II (WT)	3		
DRW	106	Mechanical Drawing for Vocational Application	3		
FYI	103	First Year Introduction for Trades	1		

Subtotal 10

General Education

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
MATH	100+	MATH 100 <i>or</i> above (100, 102, 109 preferred)	8-10		
English (select 5 credits)					
ENGL&	101	English Composition I <i>or</i>	5		
ENGL	103	Writing in the Workplace	5		
Human Relations (select 3-5 credits)					
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		
Communication Studies (select 3-5 credits)					
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 19-25

Total Credits Required 116-122

*These are variable credit classes, but the maximum number of credits is required for a degree or certificate.