

# Degree & Certificate Requirements

## Welding Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree 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 107	Fabrication Principles Review	4		
WT 108	Fabrication Technique I	1		
WT 181	Fabrication Techniques I Lab	3		
WT 201	Weldability of Metals	5		
WT 211	Introduction to Pipe Welding	9-10		
WT 202	Welding Inspection	5		
WT 222	Gas Tungsten Arc Welding (TIG)	9-10		
WT 231	Pipe Welding Certification	9-10		
WT 208	Fabrication Technique II	1		
WT 281	Fabrication Technique II Lab	3		
INT 105	Precision Measurement	1		
BPR 106	Blueprint Reading I (WT)	3		
BPR 206	Blueprint Reading II (WT)	3		
DRW 106	Mechanical Drawing for Vocational Application	3		
<b>Subtotal</b>		<b>88-101</b>		

### Major Support

Select 0-3 credits from the following:

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
WT 195	Supervised Employment	1-3		
<b>Subtotal</b>		<b>0-3</b>		

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## General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH 100	Algebraic Tools for Vocational Application	5		
<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**      **16-18**  
**Total Credits Required**    **104-122**

**Note:**

WT 103, 112, 113, 141, 201, 202, 211, 222 and 231 are variable credit courses. Variable credit courses taken of the same class in the evening must be done within four consecutive quarters.