

Degree & Certificate Requirements

Welding Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2021-2022 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		
BPR 106	Blueprint Reading I (WT)	3		
BPR 206	Blueprint Reading II (WT)	3		
DRW 106	Mechanical Drawing for Vocational Application	3		

Subtotal 87-100

Major Support

Select 0-3 credits from the following:

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
WT 195	Supervised Employment	1-3		

Subtotal 0-3

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 103-121

Degree & Certificate Requirements

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, 141, 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.