

WELDING TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Students must complete all College degree requirements, which include: General Education requirements and elective credits to total at least 63-66 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Code	Title	Hours
General Education		
Course required from Area I, II, IV, and VII and choose one course from Area III, V, or VI.		15-17
Area I: Communications		
ENGL 1110G	Composition I (Technical Requirement) ¹	
Area II: Mathematics		
Area III: Laboratory Science		
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VI: Creative and Fine Arts		
Area VII: Flexible 3 (General Education Elective)		
ENGL 2210G	Professional & Technical Communication (Technical Requirement) ¹	
Technical Requirements		
OETS 118	Mathematics for Technicians	3
WELD 100	Structural Welding I	6
WELD 105	Introduction to Welding	3
WELD 110	Blueprint Reading (Welding)	3
WELD 115	Structural Welding II	6
WELD 125	Introduction to Pipe Welding	3
WELD 126	Industrial Pipe Welding	3
WELD 130	Introduction to GMAW (MIG)	3
WELD 140	Introduction to GTAW (TIG)	3
WELD 150	Pipe Welding II	3
WELD 151	Industrial Pipe Welding II	3
WELD 170	Welded Fabrication	3
WELD 211	Welder Qualification	6
Total Hours		63-65

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Course is a Technical Requirement and must be completed regardless of transfer credit awarded.

A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

Course	Title	Hours
First Year		
Fall		
WELD 100	Structural Welding I	6

WELD 105	Introduction to Welding	3
WELD 130	Introduction to GMAW (MIG)	3
WELD 140	Introduction to GTAW (TIG)	3
Area I: Communications		3-4
ENGL 1110G	Composition I (Technical Requirement) ¹	
Hours		18-19
Spring		
WELD 115	Structural Welding II	6
WELD 125	Introduction to Pipe Welding	3
WELD 150	Pipe Welding II	3
Area VII: Flexible 3 (General Education Elective)		3
ENGL 2210G	Professional & Technical Communication (Technical Requirement) ¹	
Hours		15
Summer		
WELD 170	Welded Fabrication	3
GEN Ed Course - One course from Areas II, V, or VI ¹		3
Hours		6
Second Year		
Fall		
OETS 118	Mathematics for Technicians	3
WELD 110	Blueprint Reading (Welding)	3
WELD 126	Industrial Pipe Welding	3
Area III: Laboratory Science ¹		4
Area IV: Social/Behavioral Sciences		3
PSYC 1110G or SOCI 1110G	Introduction to Psychology or Introduction to Sociology	
Hours		16
Spring		
WELD 151	Industrial Pipe Welding II	3
WELD 211	Welder Qualification	6
Hours		9
Total Hours		64-65

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See the General Education section of the catalog for a full list of courses.