

# 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.

Prefix	Title	Credits
<b>General Education</b>		
<i>Choose one course from four of the following six content areas for a total of 12-14 credits.<sup>1,2</sup></i>		12-14
Area I: Communications		
Area II: Mathematics		
Area III: Laboratory Science		
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VI: Creative and Fine Arts		
<i>General Education Electives<sup>2</sup></i>		3-4
<b>Core Requirements</b>		
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
<b>Total Credits</b>		<b>63-66</b>

1

Each course selected must be from a different area and students cannot take multiple courses in the same area.

2

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

## 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.

### First Year

Fall		Credits
WELD 100	Structural Welding I	6
WELD 125	Introduction to Pipe Welding	3
WELD 130	Introduction to GMAW MIG)	3

WELD 140	Introduction to GTAW TIG)	3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
WELD 115	Structural Welding II	6
WELD 150	Pipe Welding II	3
WELD 105	Introduction to Welding	3
General Education Elective Course <sup>1</sup>		3-4
<b>Credits</b>		<b>15-16</b>
<b>Summer</b>		
WELD 170	Welded Fabrication	3
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3
<b>Credits</b>		<b>6</b>
<b>Second Year</b>		
<b>Fall</b>		
WELD 110	Blueprint Reading (Welding)	3
WELD 126	Industrial Pipe Welding	3
OETS 118	Mathematics for Technicians	3
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3
<b>Credits</b>		<b>12</b>
<b>Spring</b>		
WELD 211	Welder Qualification	6
WELD 151	Industrial Pipe Welding II	3
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3-4
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3-4
<b>Credits</b>		<b>15-17</b>
<b>Total Credits</b>		<b>63-66</b>

1

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2

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