

# WELDING

## Associate in Applied Science

Prescribed Technical Program	49
General Education	15
<b>Total Credits</b>	<b>64</b>

Course	Title	Credits
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### 1<sup>st</sup> Year

#### Fall Semester

##### Prescribed Technical Program Requirements

WELD 110	OFC Operations	2
WELD 118	PAC and CAC Operations	2
WELD 155	Blueprint Reading for Welders	3
WELD 170	SMAW Operations	2
WELD 173	Methods in SMAW Operations	4
WELD 180	Advanced Methods in SMAW Operations	2
WELD 183	Testing in SMAW Operations	3
WELD 187	Types of Non-Destructive Testing	1
	Credits	19

#### Spring Semester

##### Prescribed Technical Program Requirements

WELD 130	OFW Operations	2
WELD 135	Welding Principles	2
WELD 140	Methods in GMAW and FCAW	2
WELD 145	Advanced Methods in GMAW and FCAW	3
WELD 150	Methods in GTAW	3
WELD 160	Advanced Methods in GTAW	3
WELD 165	Blueprint Symbols for Welding	3
	Credits	18

### 2<sup>nd</sup> Year

#### Fall Semester

##### Prescribed Technical Program Requirements

WELD 210	Gas Tungsten Arc Pipe Welding	3
WELD 215	Testing in Gas Tungsten Arc Pipe Welding	3
WELD 220	Shielded Metal Arc Pipe Welding	3
WELD 225	Testing in Shielded Metal Arc Pipe Welding	3
	Credits	12

Total Credits	49
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#### General Education Requirements

<i>Arts &amp; Humanities/Social &amp; Behavioral Sciences</i>	
General Education Matrix (Arts & Humanities/Social & Behavioral Sciences)	3
<i>Business, Math, Science &amp; Technology (Two areas of study)</i>	
General Education Matrix (Business, Math, Science & Technology courses)	3
General Education Matrix (Business, Math, Science & Technology courses)	3
<i>Written or Oral Communications</i>	
ENGL 110	College Composition I (Required)
ENGL 120	College Composition II
or ENGL 125	Introduction to Professional Writing

or COMM 110

Fundamentals of Public Speaking

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Total Credits

15

College Degree Requirements

General Education & Diversity Course Matrix Requirements