

# WELDING

## Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

## Summary

Prescribed Program	49
General Education	15-16
Digital Literacy	
<b>Total Credits</b>	<b>64-65</b>

## Degree Plan

### Semesters

Course	Title	Credits
<b>Semester I</b>		
<b>Prescribed Program</b>		
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
<b>Semester II</b>		
<b>Prescribed Program</b>		
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
<b>Semester III</b>		
<b>Prescribed Program</b>		
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
	<b>Total Credits</b>	<b>49</b>

## General Education

### Written or Oral Communications

ENGL 110	College Composition I	3
Select one of the following:		3
COMM 110	Fundamentals of Public Speaking	
ENGL 125	Introduction to Professional Writing	
<b>Credits Subtotal</b>		<b>6</b>

### Arts & Humanities/Social & Behavioral Sciences

Select one of the following recommended courses:		3
HIST 103	United States to 1877	
ECON 201	Principles of Microeconomics	
PSYC 111	Introduction to Psychology	
SOC 110	Introduction to Sociology	
<b>Credits Subtotal</b>		<b>3</b>

### Business, Math, Science, & Technology

Select two of the following recommended courses (Two areas of study):		6-7
CSCI 101	Introduction to Computers	
MATH 110	Math in Society	
MATH 137	Applied Algebra	
CIS 147	Principles of Information Security	
CIS 164	Networking Fundamentals I	
<b>Credits Subtotal</b>		<b>6-7</b>

**General Education Total Credits** **15-16**

## Digital Literacy

Select one of the following:		
ENGL 110	College Composition I	
NDUS Institution Approved Training Course		
NDUS Institution Designated Digital Literacy Course		