

WELDING

Associate in Applied Science

Prescribed Technical Program	49
General Education	15-16
Digital Literacy	
Total Credits	64-65

Course	Title	Credits
Semester I		
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
Semester II		
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
Semester III		
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

General Education Requirements

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

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	

Business, Math, Science, & Technology

Select two of the following recommended courses (Two areas of study):		6-7
CSCI 101	Introduction to Computers ¹	
MATH 110	Math in Society	
MATH 137	Applied Algebra	
CIS 147	Principles of Information Security ¹	
CIS 164	Networking Fundamentals I	
Total Credits		15-16

Digital Literacy Requirements

Select one of the following:	
CSCI 101	Introduction to Computers ¹
CIS 147	Principles of Information Security ¹
BSC Approved Training Course	
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	

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CSCI 101, CIS 147 or courses transferred in from another NDUS Institution that are listed as both general education and digital literacy may satisfy both requirements upon successful completion.

College Degree & Digital Literacy Requirements

General Education & Diversity Course Matrix Requirements