WELDING

Diploma
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	9
Electives	3
Total Credits	**61**

Degree Plan
Semesters

Course	Title	Credits
Semester I		
Prescribed Program		
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 Program		
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 Program		
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
Open Electives		
Any course(s) not used to additionally fulfill a requirement on this degree plan.		3
	Credits	15
	Total Credits	52

BISMARCK | North Dakota's
STATE COLLEGE | Polytechnic Institution

General Education

Written or Oral Communications

Select one of the following: 3

ENGL 110	College Composition I	
COMM 110	Fundamentals of Public Speaking	
Credits Subtotal		**3**

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	
Credits Subtotal		**3**

Business, Math, Science & Technology

CSCI 101	Introduction to Computers (Recommended)	3
Credits Subtotal		**3**

General Education Total Credits		**9**