

BISMARCK STATE COLLEGE

Welding Curriculum Guide

Graduation Catalog 2009-2011

Diploma

WELDING CORE CURRICULUM CREDITS

FALL		CR	GR
WELD 165	Blueprint Symbols for Welding	3	
WELD 170	Arc Welding Operations	2	
WELD 173	Methods in Arc Welding Operations	4	
WELD 180	Shielded Metal Arc Welding	2	
WELD 183	Testing in Shielded Metal Arc Welding	4	
WELD 187	Types of Non-Destructive Testing	3	
TOTAL CREDITS		18	

Select 15 credits -
Offered Fall Only:

		CR	GR
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	
WELD 230	Gas Metal Arc Pipe Welding	3	
WELD 235	Testing in Gas Metal Arc Pipe Welding	3	
WELD 240	Special Projects	3	
WELD 245	Special Projects	3	
WELD 197 - WELD 297	Cooperative Education/Internship	1-3	

SPRING		CR	GR
WELD 110	Oxyfuel Operations	2	
WELD 118	Testing OA in Welding, Brazing, Cutting	2	
WELD 130	Advanced Testing in OA Welding, Brazing, Cutting	2	
WELD 135	Welding Principles	2	
WELD 140	Methods in GMA & FCA Welding	2	
WELD 145	Advanced Methods in GMA & FCA Welding	2	
WELD 150	Methods in GTA & PA Welding	2	
WELD 155	Blueprint Reading for Welders	3	
WELD 160	Advanced Methods in GTA & PA Welding	2	
TOTAL CREDITS		19	

DIPLOMA GENERAL EDUCATION REQUIREMENTS

Communications Elective:		
1.	3	
Arts & Humanities/Social & Behavioral Science:		
1.	3	
Business, Math, Science & Technology:		
1.	3	
TOTAL CREDITS		9

TOTAL CORE CURRICULUM CREDIT	52
TOTAL GENERAL EDUCATION CREDIT	9
TOTAL CREDITS	61