



MONTANA STATE UNIVERSITY BILLINGS

WELDING AND METAL FABRICATION TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2011-2012

College of Technology
Jacket Student Central
Phone: 406-247-3019
Fax: 406-247-3095

Name _____

Student ID # _____

This program begins in the fall semester.
Students must have a minimum of a 72 on Compass Reading Test to take WLDG courses.

Course	Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses				

Required Preparatory Courses				

General Education Requirements

COMT	109	Human Relations	3			
WRIT	122	Introduction to Business Writing	3			
CAPP	120	Introduction to Computers	3			
M	114	Extended Technical Mathematics	3			

Required Courses

WLDG	117	Blueprint Reading and Welding Symbols	3			
WLDG	124	Welding Theory Technology and Safety	3			
WLDG	125	Cutting and Shielded Metal Arc Welding Lab	5			
WLDG	126	Shield Metal Arc Welding Lab	4			
WLDG	152	Layout Pattern Making	3			
WLDG	153	Metal Fabrication Basics	2			
WLDG	154	Metal Fabrication Basics Lab	3			
WLDG	156	Semi-Automatic Welding	2			
WLDG	157	Semi-Automatic and SMAW Lab	5			
WLDG	205	Applied Metallurgy	2			

WLDG	212	Pipe Welding and Layout	3			
WLDG	213	Pipe Welding I Lab	5			
WLDG	215	Gas Tungsten Arc Welding	5			
WLDG	251	Special Welding Processes	5			
WLDG	255	CNC Burn Table Programming & Operation	5			
WLDG	280	Weld Testing and Certification	2			
WLDG	281	Testing and Certification Lab	3			

Recommended Elective

WLDG	298	Cooperative Education/Internship	3-9			

TOTAL MINIMUM CREDITS REQUIRED 72

A grade of "C" or higher is mandatory in all required courses.

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits	Summer (optional)	Credits
WRIT 122/121	3	M 114	3	WLDG 298	3-6
WLDG 117	3	WLDG 152	3	TOTAL	6
WLDG 124	3	WLDG 153	2		
WLDG 125	5	WLDG 154	3		
WLDG 126	4	WLDG 156	2		
TOTAL	18	WLDG 157	5		
		TOTAL	18		

Third Semester	Credits	Fourth Semester	Credits
CAPP 120	3	COMT 109	3
WLDG 212	3	WLDG 251	5
WLDG 213	5	WLDG 255	5
WLDG 215	5	WLDG 280	2
WLDG 205	2	WLDG 281	3
TOTAL	18	TOTAL	18

Transcript evaluation (if applicable completed) by: _____ on ___/___/___



MSUBILLINGS

College of Technology

2011-2012 Welding & Metal Fabrication Technology AAS Plan of Study

for _____

Date: _____

Welding & Metal Fabrication Associate of Applied Science Plan of Study

Semester (_____)

Semester (_____)

Course	Credits	Course	Credits

Semester (**FALL** _____)

Semester (**SPRING** _____)

Course	Credits	Course	Credits
WLDG 117	3	WLDG 152	3
WLDG 124	3	WLDG 153	2
WLDG 125	5	WLDG 154	3
WLDG 126	4	WLDG 156	2
Gen. Ed.	3	WLDG 157	5
		Gen. Ed.	3
Total		Total	

Semester (**FALL** _____)

Semester (**SPRING** _____)

Course	Credits	Course	Credits
WLDG 205	2	WLDG 251	5
WLDG 212	3	WLDG 255	5
WLDG 213	5	WLDG 280	2
WLDG 215	5	WLDG 281	3
Gen. Ed.	3	Gen. Ed.	3
Total		Total	

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