



MONTANA STATE UNIVERSITY BILLINGS

WELDING AND METAL FABRICATION TECHNOLOGY CERTIFICATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2014-2015

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

Name _____

Student ID # _____

This program begins in the fall semester.

Course	Credits	Grade	Semester	Equivalent
Required Preparatory Courses				

General Education Requirements

COMX	106	Communicating in a Dynamic Workplace	3			
WRIT	104	Workplace Communication	3			
M	111	Technical Mathematics	3			

***Students are encouraged to pursue the college level math and writing classes if possible.**

Required Courses

WLDG	117	Blueprint Reading and Welding Symbols	3			
WLDG	124	Welding Theory Tech/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			

Suggested Elective

CAPP	120	Introduction to Computers	3			
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TOTAL MINIMUM CREDITS REQUIRED 39

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

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits
COMX 106	3	M 111	3
WLDG 117	3	WLDG 152	3
WLDG 124	3	WLDG 153	2
WLDG 125	5	WLDG 154	3
WLDG 126	4	WLDG 156	2
WRIT 104	3	WLDG 157	5
TOTAL	21	TOTAL	18

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

Developing a Plan of Study

To facilitate course planning and scheduling, students should be aware that not all courses are offered every semester. Some courses require pre-requisites and preparatory courses to be successfully completed or co-requisites be taken simultaneously.

Selected Courses and Prerequisites

Key: F= Fall; S=Spring; X=Summer; # = online

Welding & Metal Fabrication Certificate of Applied Science Program

Requirements:

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-Requisite	Recommended Co-requisite	Term Offered
COMX 106					F, S, X # F, S, X
M 111	M065, or appropriate placement scores				F, S, X
WLDG 117	WRIT 104 & reading Compass score placement				F
WLDG 124	WRIT 104 & reading Compass score placement				F
WLDG 125			WLDG 124		F
WLDG 126			WLDG 124		F
WLDG 152	WLDG 117,		M 111, WLDG 153, WLDG 154		S
WLDG 153	WLDG 124, WLDG 117, WLDG 125, WLDG 126		WLDG 152, WLDG 154		S
WLDG 154	WLDG 124, WLDG 117, WLDG 125, WLDG 126		WLDG 152, WLDG 153		S
WLDG 156	WLDG 124, WLDG 117, WLDG 125, WLDG 126				S
WLDG 157	WLDG 124, WLDG 125, WLDG 126		WLDG 156		S
WRIT 104					F, S

Suggested Elective

CAPP 120					F, S, X # F, S, X
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Program Specific Information

- Students must test into at least M065 and WRIT 104 and have a minimum of a 72 on the Compass Reading Test to take any WLDG courses.
- WLDG classes are very sequential and the first semester of WLDG classes begins only in the fall semester.
- COMX 106, WRIT 104, M 111, and CAPP 120 can be taken in advance of starting the WLDG courses.
- If a student completes the Welding & Metal Fabrication Certificate and chooses to continue into the Associates of Apply Science degree, they will need to complete the required math and writing courses. WRIT 122 and M 114 can substitute WRIT 104 and M 111 in the certificate program.
- Students will be required to purchase or supply tools for this program.
- Students that earn an AAS degree and want to further their education thus career; are able to go on for a Bachelor of Applied Science degree through MSUB. There are various thematic concentrations that a student can focus on to earn a BAS degree, one of which is Business.



2014-2015 Welding & Metal Fabrication Technology CAS Plan of Study

Name: _____

Date: _____

City College

Welding & Metal Fabrication Certificate of Applied Science Plan of Study

Semester _____

Semester _____

Course	Credits	Course	Credits
Total		Total	

Fall _____

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	Gen Ed.	3
Total		Total	

Number of earned credits that apply toward degree: _____

Number of credits left to earn for degree: _____

CERTIFICATION: The courses listed are **required** for the student's degree.

Advisor's Signature: _____ Date: _____

Student's Signature: _____ Date: _____