


**WELDING AND METAL FABRICATION TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE**

ADVISING WORKSHEET 2016-2017

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

Name _____

Student ID _____

Course	Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses				

Required Preparatory Courses

General Education Requirements

CAPP	120	Introduction to Computers	3			
COMX	106	Communicating in a Dynamic Workplace	3			
M	114	Extended Technical Mathematics	3			
WRIT	122	Introduction to Business Writing	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	153	Metal Fabrication Basics	3			
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	250	Metals Production	2			
WLDG	251	Special Welding Processes	5			
WLDG	280	Weld Testing and Certification	2			
WLDG	281	Testing and Certification Lab	3			

Recommended Elective

WLDG	298	Cooperative Education Internship	3-6			

TOTAL MINIMUM CREDITS REQUIRED 67

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	3	M 114	3	WLDG 298	3-6
WLDG 117	3	WLDG 153	3	TOTAL	3-6
WLDG 124	3	WLDG 154	3		
WLDG 125	5	WLDG 156	2		
WLDG 126	4	WLDG 157	5		
TOTAL	18	TOTAL	16		

Third Semester	Credits	Fourth Semester	Credits
CAPP 120	3	COMX 106	3
WLDG 205	2	WLDG 250	2
WLDG 212	3	WLDG 251	5
WLDG 213	5	WLDG 280	2
WLDG 215	5	WLDG 281	3
TOTAL	18	TOTAL	15

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

Program Specific Information:

- The minimum requirements to start any WLDG course is placement into WRIT 104 and M 065, and a 72 COMPASS Reading score.
- Students can start working on General Education courses before starting WLDG courses.
- WLDG courses are a fall start only.
- Students will be required to purchase or supply tools for this program. Tool and vendor lists are available at <http://cms.msubillings.edu/citycollege/programs/ProgWelding.htm> or in Jacket Student Central.
- Upon successful completion of the program, students will have the skills to take industry certifications.
- Graduates may qualify for advanced placement in the Ironworkers, Pipefitters, or Boilermakers unions.
- MSUB Career Services assists with Cooperative Education Internships where you can work with professionals in your chosen career field, develop a network of contacts in your career field, and have the potential to earn a salary while doing it. Contact the Cooperative Education Specialist in Career Services at 657-1717 or visit their webpage <http://cms.msubillings.edu/careers/default.htm> for further details.
- Students that earn an Associate of Applied Science 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. Contact Jacket Student Central or contact MSUB Advising Center at 406-657-2240 for further details.

2016-2017 AAS Welding & Metal Fabrication Technology Plan of Study

Name _____

Student ID _____

Semester _____

Semester _____

Course	Credits	Course	Credits

Fall Semester _____

Spring Semester _____

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

Fall Semester _____

Spring Semester _____

Course	Credits	Course	Credits
WLDG 205	2	WLDG 250	2
WLDG 212	3	WLDG 251	5
WLDG 213	5	WLDG 280	2
WLDG 215	5	WLDG 281	2
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 Signature: _____ Date: _____

Student Signature: _____ Date: _____