



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

**ADVISING WORKSHEET 2021-2022**

TRANSFER INSTITUTION(S):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

Name \_\_\_\_\_

Student ID \_\_\_\_\_

Course	Credits	Grade	Semester	Equivalent
<b>Recommended Preparatory Courses</b>				

**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" (2.0) or higher is mandatory in all courses*

***Suggested Plan of Study***

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>	<b>Summer (optional)</b>	<b>Credits</b>
WRIT 122	3	M 114	3	WLDG 298	3-9
WLDG 117	3	WLDG 153	3	<b>TOTAL</b>	<b>3-9</b>
WLDG 124	3	WLDG 154	3		
WLDG 125	5	WLDG 156	2		
WLDG 126	4	WLDG 157	5		
<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>16</b>		

<b>Third Semester</b>	<b>Credits</b>	<b>Fourth Semester</b>	<b>Credits</b>
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
<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>15</b>

Transcript evaluation (if applicable completed) by: \_\_\_\_\_ on \_\_/\_\_/\_\_\_\_

## Program Specific Information:

- The minimum requirements to start any WLDG course is placement into WRIT 104 and a Accuplacer Reading score of 66, **or** a NextGen Accuplacer Reading score of 240.
- Students can start working on General Education courses before starting WLDG courses.
- WLDG courses are a fall semester start only.
- Students will be required to purchase or supply tools for this program. Tool and vendor lists are available at <http://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 Advising & Career Services at 657-1717 or visit their webpage <http://www.msubillings.edu/careers/> 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 & Career Services at 406-657-2240 for further details.



## 2021-2022 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
<b>Total</b>		<b>Total</b>	

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	3
Gen Ed	3	Gen Ed	3
<b>Total</b>		<b>Total</b>	

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: \_\_\_\_\_