



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

TRANSFER INSTITUTION(S):

ADVISING WORKSHEET 2024-2025

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

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits	Summer (optional)	Credits
WRIT 122	3	M 114	3	WLDG 298	3-9
WLDG 117	3	WLDG 153	3	TOTAL	3-9
WLDG 124	3	WLDG 154	3		
WLDG 125	5	WLDG 156	2		
WLDG 126	<u>4</u>	WLDG 157	<u>5</u>		
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	<u>5</u>	WLDG 281	<u>3</u>
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 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.