

<b>Associate of Applied Science – 70 credits Industrial Welding and Metal Fabrication</b>		
<b>Name:</b>	<b>Date of Entry:</b>	<b>Advisor:</b>
<b>Dual Major With:</b>	<b>Academic Plan Advisor:</b>	
<b>Transferred From:</b>		
<b>Credit Hours Transferred In:</b>	Must complete 1/3 of degree through Helena College	

Course #	Course Title	CR	Pre - Requisites	SEM	Grade	Comments
<b>First Semester – 18 Credits</b>						
WLDG 107	Industrial Safety for Welding	2				
WLDG 112	Cutting Processes	3	WLDG 107			
WLDG 135	GMAW Theory and Prac Applications	5	WLDG 107			
WLDG 181	SMAW Theory and Prac Applications	5	WLDG 107			
M111T	Technical Mathematics	3				
<b>Second Semester – 20 Credits</b>						
WLDG137	Blueprint Reading, Layout and Beginning Fabrication	7	First semester WLDG courses and M111T			
WLDG141	GTAW Theory and Practical Application	4	First semester WLDG courses & M111T			
WLDG151	Shop Practices	4	First semester WLDG courses and M111T			
WRIT 121T	Technical Writing	3	WRIT 096 if placement score indicates such			
COMX 106	Communicating in a Dynamic Workplace	2				
<b>Third Semester – 16 Credits      Pre-requisites: Completion of First Year Courses with a C- or better</b>						
WLDG213	Pipe Welding I Lab	6	First year courses and M111T			
WLDG 246	Advanced Metal Forming/Fabrication Theory and Practical Application	5	First year courses and M111T			
WLDG 257	Cutting Processes II	5	First year courses and M111T			
<b>Fourth Semester – 16 Credits</b>						
WLDG 227	Advanced Joining Processes Theory and Practical Application	6	Third semester WLDG Courses			
WLDG245	Metal Fabrication Design and Construction	5	Third semester WLDG courses			
WLDG 299	Industrial Welding Capstone	5	Third semester WLDG courses & M111T			
<b>Developmental Coursework:</b>						