

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

Course #	Course Title	CR	Pre - Requisites	SEM	Grade	Comments
First Semester – 18 Credits						
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				
M111T	Technical Mathematics	3				
Second Semester – 20 Credits						
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				
Third Semester – 16 Credits Pre-requisites: Completion of First Year Courses with a C- or better						
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			
Fourth Semester – 16 Credits						
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			
Developmental Coursework:						

** If students are contemplating on a CAS or AAS they should take COMX106 the first year spring semester so they will have all general education requirements completed in the first year for the CAS.