

Certificate of Applied Science Welding Technology – 38 Credits		
Name:	Date of Entry:	Advisor:
Dual Major With:	Academic Plan Advisor:	
Transferred From:		
Credit Hours Transferred In:	Must complete 50% of degree through Helena College	

Course #	Course Title	CR	Pre - Requisites	SEM	Grade	Comments
Semester One – 18 Credits						
WLDG 105	Shop Safety	1				
WLDG 112	Cutting Processes	1	WLDG 105 (Co-req)			
WLDG 117	Blueprint Reading and Weld Sym	3				
WLDG 132	Est of Job Material	2	WLDG 105, WLDG 180 or 133 (Co-req)			
WLDG 133	GMAW, FCAW, and GMAW-P	4				
WLDG 180	Shielded Metal Arc Welding	4				
M 111T	Technical Math	3				
Semester Two – 20 Credits						
WLDG 131	Intro to Layout and Pattern Making	3				
WLDG 140	Intro GAS Tung ARC Welding	3	WLDG 105, WLDG 117, WLDG 131, WLDG 132, WLDG 133, and WLDG 180			
WLDG 151	Shop Practices	4	WLDG 105, WLDG 112, WLDG 117, WLDG 131, WLDG 132, WLDG 133, WLDG 140			
WLDG 155	Design and Fabric	4	WLDG 117, WLDG 131, WLDG 132, WLDG 133, and WLDG 180			
WLDG 160	Rigging for Welders	1				
HR 100T	Human Relations	2				
WRIT 121T	Intro to Tech Writing	3	Placement or WRIT 095			
Developmental Coursework:						