

**Certificate of Applied Science – 39 credits  
Welding Technology**

<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>						
WLDG107	Industrial Safety	2				
WLDG112	Cutting Processes	3	WLDG 107			
WLDG135	GMAW Theory and Practical Application	5	WLDG 107			
WLDG181	SMAW Theory and Practical Application	5				
M111T	Technical Mathematics	3				
<b>Second Semester (21 credits)</b>						
WLDG117	Blueprint Reading and Weld Symbols	3	First semester WLDG courses and M111T			
WLDG131	Layout, Metal Forming and Fabrication	5	First semester WLDG courses and M111T			
WLDG141	GTAW Theory and Practical Application	5	First semester WLDG courses and M111T			
WLDG151	Shop Practices	3	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>Developmental Coursework:</b>						