

**Certificate of Applied Science – 39 credits
Machine Tool Technology**

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)						
MCH120	Blueprint Reading and Interpretations for Machining	2	MCH 130 (co-req)			
MCH130	Machine Shop	3	M 111T (co-req)			
MCH132	Introduction to Engine Lathes	5				
MCH134	Introduction to Mills	5	MCH 130 (co-req)			
M111T	Technical Mathematics	3	MCH 130 (co-req)			
Second Semester (21 credits)						
MCH136	Advanced Lathes	5	First semester MCH courses and M111T			
MCH137	Advanced Mills	5	First semester MCH courses and M111T			
MCH139	Grinding Applications	2	First semester MCH courses and M111T			
MCH240	Metallurgy	2	First semester MCH courses and M111T			
MCH245	Shop Practices	2	First semester MCH courses and M111T			
WRIT 121T	Intro to Tech Writing	3	WRIT 096 if placement score indicates such			
COMX 106	Communicating in a Dynamic Workplace	2				