

Associate of Applied Science – 69 credits Metals 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 Title	CR	Pre - Requisites	SEM	Grade	Comments
18 Credits)					
Metallurgy	2				
Machine Shop	3	M 111T (co-req)			
Introduction to Engine Lathes	5				
Introduction to Mills	5	MCH 130 (co-req)			
	3	MCH 130 (co-req)			
er (19 Credits)		_			
Advanced Lathes	5	First semester MCH courses and M111T			
Advanced Mills	5	First semester MCH courses and M111T			
Grinding Applications	2	First semester MCH courses and M111T			
Solidworks	2	First semester MCH courses and M111T			
Shop Practices	2	First semester MCH courses and M111T			
Intro to Tech Writing	3				
Communicating in a Dynamic Workplace	2				
(17 Credits)					
Industrial Safety	2				
Cutting Processes		WLDG 107 (co-req)			
GMAW Theory and Practical Appl		WLDG 107 (co-req)			
SMAW Theory and Practical Appl	5				
r (15 Credits)					
Blueprint Reading, Layout, and Beginning Fabrication	7	courses and M111T			
GTAW Theory and Practical App	4	courses and M111T			
Shop Practices	3	3rd semester WLDG courses and M111T			
Coursework:					
	18 Credits) Metallurgy Machine Shop Introduction to Engine Lathes Introduction to Mills Technical Mathematics er (19 Credits) Advanced Lathes Advanced Mills Grinding Applications Solidworks Shop Practices Intro to Tech Writing Communicating in a Dynamic Workplace (17 Credits) Industrial Safety Cutting Processes GMAW Theory and Practical Appl SMAW Theory and Practical Appl SMAW Theory and Practical Appl Shop Practices Blueprint Reading, Layout, and Beginning Fabrication GTAW Theory and Practical App Shop Practices	18 Credits) Metallurgy 2 Machine Shop 3 Introduction to Engine Lathes 5 Introduction to Mills 5 Technical Mathematics 3 er (19 Credits) 3 Advanced Lathes 5 Advanced Mills 5 Grinding Applications 2 Solidworks 2 Shop Practices 2 Intro to Tech Writing 3 Communicating in a Dynamic 2 Workplace 2 (17 Credits) 2 Industrial Safety 2 Cutting Processes 3 GMAW Theory and Practical Appl 5 SMAW Theory and Practical Appl 5 Shop Practices 3 GTAW Theory and Practical Appl 4 Shop Practices 3	18 Credits) Metallurgy 2 Machine Shop 3 M 111T (co-req) Introduction to Engine Lathes 5 Introduction to Mills 5 MCH 130 (co-req) Technical Mathematics 3 MCH 130 (co-req) er (19 Credits) First semester MCH Advanced Lathes 5 First semester MCH courses and M111T Advanced Mills 5 Grinding Applications 2 First semester MCH courses and M111T Solidworks 2 Solidworks 2 First semester MCH courses and M111T Shop Practices 2 Intro to Tech Writing 3 Communicating in a Dynamic Workplace 2 Cutting Processes 3 Industrial Safety 2 Cutting Processes 3 GMAW Theory and Practical Appl 5 Std semester WLDG courses and M111T GTAW Theory and Practical Appl 4 3rd semester WLDG courses and M111T GTAW Theory and Practical App 4 3rd semester WLDG courses and M111T Shop Practices 3 3 3	18 Credits) 2 Machine Shop 3 M 111T (co-req) Introduction to Engine Lathes 5 Introduction to Mills 5 MCH 130 (co-req) Technical Mathematics 3 MCH 130 (co-req) er (19 Credits) 6 First semester MCH courses and M111T Advanced Lathes 5 First semester MCH courses and M111T Grinding Applications 2 Courses and M111T Grinding Applications 2 First semester MCH courses and M111T Solidworks 2 First semester MCH courses and M111T Shop Practices 2 First semester MCH courses and M111T Intro to Tech Writing 3 Communicating in a Dynamic Workplace 2 First semester MCH courses and M111T Industrial Safety 2 Cutting Processes 3 WLDG 107 (co-req) GMAW Theory and Practical Appl 5 Strade semester WLDG courses and M111T Grave semester MCH courses and M111T Grave Theory and Practical Appl 5 WLDG 107 (co-req) GMAW Theory and Practical Appl 5 Grave semester WLDG courses and M111T Grave Theory and Practical	18 Credits) 2 Metallurgy 2 Machine Shop 3 Introduction to Engine Lathes 5 Introduction to Mills 5 Technical Mathematics 3 Advanced Lathes 5 Advanced Mills 5 Advanced Mills 5 First semester MCH courses and M111T Advanced Mills 5 First semester MCH courses and M111T Grinding Applications 2 Solidworks 2 Solidworks 2 First semester MCH courses and M111T Shop Practices 2 Intro to Tech Writing 3 Communicating in a Dynamic 2 Workplace 2 Industrial Safety 2 Cutting Processes 3 MUDG 107 (co-req) GMAW Theory and Practical Appl 5 SMAW Theory and Practical Appl 5 State Stream Mathining 7 Srd semester WLDG courses and M111T Graves and M111T 2 Shop Practices 3 Shop Practices