

Associate of Applied Science – 72 Credits Computer Aided Manufacturing		
Name:	Date of Entry:	Advisor:
Dual Major With:	Academic Plan Advisor:	
Transferred From:		
Credit Hours Transferred In:		

Course #	Course Title	CR	Pre - Requisites	SEM	Grade	Comments
1st Semester – 18 Credits						
MCH120	Blueprint Reading and Interpretation	2	MCH130 (Co-req)			
MCH 130	Machine Shop	3				
MCH 132	Intro to Engine Lathes	5				
MCH 134	Intro to Mills	5	MCH130 (Co-req)			
M111T	Technical Math	3	Placement or M65			
2nd Semester – 18 Credits						
MCH 136	Advanced Lathes	5				
MCH 137	Advanced Mills	5				
MCH 139	Grinding Applications	2				
MCH 240	Metallurgy	1				
MCH 245	Shop Practices 2	2				
CAPP 131	Basic MS Office	3				
3rd Semester – 17 Credits						
Completion of the first year (first and second semester) is the pre-requisite for the second year.						
MCH 230	Tooling and Fixtures in CNC	2				
MCH 231	CNC Turning Operations Level 1	3	MCH 230 (Co-req)			
MCH 232	CNC Turning Programming Operations 2	3	MCH 231 (Co-req)			
MCH 234	Milling Operations Level 1	3	MCH 230 (Co-req)			
MCH 235	CNC Millings to Programming Operations	3	MCH 234 (Co-req)			
WRIT 121T	Technical Writing	3	Placement or WRIT 095			
4th Semester – 19 Credits						
MCH 233	CNC Turning Programming Operations 2	3	MCH231 and MCH232			
MCH 236	CNC Milling Programming Operations 3	3				
MCH 237	CAD/CAM CNC Turning Center	5	MCH233 (Co-req)			
MCH 238	CAD/CAM CNC Machining Center.5	5	MCH236 (Co-req)			
HR 111T	Career Development and Human Relations	3				
Developmental Coursework:						