



PRECISION MACHINING TECHNOLOGY

Certificate (C)

Advising Sheet – Suggested Course Sequence

Student Name _____

Faculty Advisor _____

REQUIRED COURSES	CR	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR √ TAKEN
SDV 100 College Success Skills	1			
ENG 115 Technical Writing	3	See Placement Test Scores	ENG 111	
MTH 111 Basic Technical Mathematics	3	See Placement Test Scores	MTH 154, MTH 161, MTH 167, MTH 261	
MAC 161 Machine Shop Practices I <i>Offered Fall Only</i>	3			
MAC 162 Machine Shop Practices II <i>Offered Spring Only</i>	3	MAC 161		
MAC 163 Machine Shop Practices III <i>Offered Fall Only</i>	3	MAC161 & MAC 162		
MAC 164 Machine Shop Practices IV <i>Offered Spring Only</i>	3	Mac 161, MAC 162 & MAC 163		
MILESTONE: Basic Precision Machining Technology Career Studies Certificate (See faculty advisor)				
MAC 181 Machine Blueprint Reading I	3			
MAC 121 Computer Numerical Control I <i>Offered Spring Only</i>	3			
MAC 122 Computer Numerical Control II <i>Offered Fall Only</i>	3	MAC 121		
MAC 123 Computer Numerical Control III <i>Offered Spring Only</i>	3	MAC 121 & MAC 122		
MAC 130 Introduction to Electric Discharge Machining (EDM) or MAC 134 CMM Operation and Programming	2	MAC 121		
MAC 150 Introduction to Computer-Aided Manufacturing <i>Offered Spring Only</i>	3	MAC 121		
MILESTONE: Computer Numerical Control Career Studies Certificate (See faculty advisor)				
MAC 199 Supervised Study <i>Summer Only</i>	2	MAC 161, MAC 162	MAC 195	
MAC 299 Supervised Study <i>Summer Only</i>	2	MAC 161, MAC 162	MAC 295	
MILESTONE: Earn NIMS Level 1 Certifications				
Total Minimum Credits to Complete	40			

NOTES:

1. Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
2. Related Career Studies Certificates (CSC) – Basic Precision Machining Technology and Computer Numerical Control
3. Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
4. Courses noted as Fall only, Spring only or Summer only are based on historical trends and current planning and may change without notice.