



ADVANCED MANUFACTURING TECHNOLOGY

Associate of Applied Science (AAS)

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 <input type="checkbox"/> TAKEN
BUS 234 Supply Chain Management <i>Offered Spring Only</i>	3		BUS 266	
IND 137 Team Concepts & Problem Solving <i>Offered Spring Only</i>	3			
IND 101 Quality Assurance Technology I <i>Offered Fall & Summer Only</i>	3		BUS 208	
IND 181 World Class Manufacturing I	3			
IND 250 Introduction to Basic Computer Integrated Manufacturing	3			
PSY 200 Principles of Psychology	3			
Milestone: Advanced Manufacturing Management CSC (See faculty advisor)				
SDV 101 Orientation to Advanced Manufacturing	1		SDV 100	
ENG 115 Technical Writing	3	See Placement Test Scores	ENG 111	
MTH 111 Basic Technical Mathematics	3	See Placement Test Scores	MTH 154 or higher	
IND 116 Applied Technology	3			
CAD 201 Computer Aided Drafting & Design	3			
MAC 181 Machine Blueprint Reading I	3			
SAF 126 Principles of Industrial Safety	3			
ELE 150 A.C. and D.C. Circuit Fundamentals	4			
ELE 239 Programmable Controllers	3			
PHI 220 Ethics	3		ART 101, ART 102, REL 100, REL 230 or PHI 101	
ELE 240 Advanced Programmable Logic Controllers	3			
CAD 235 Applications for Additive Manufacturing	3			
MAC 121 Computer Numerical Control I	3			
MEC 113 Materials and Process of Industry	3			
SOC 200 Principles of Sociology	3			
Restricted Technical Elective (Choose 1): ELE 156 Electrical Control Systems MEC 140 Introduction to Mechatronics MAC 122 Computer Numerical Control II	3			
Total Minimum Credits to Complete	65			

- NOTES:**
1. Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
 2. Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
 3. Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.
 4. This program is not intended for transfer. Students desiring to transfer should consult their academic advisors and their intended transfer institutions for specific direction in program and course selection. Required courses for any major at four-year institutions may vary.