



MECHANICAL ENGINEERING TECHNOLOGY

Associate of Applied Science (A.A.S.)

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 101 Orientation to STEM	1		SDV 100	
MTH 111 Basic Technical Mathematics	3	See Placement Test Scores	MTH154 or higher	
ENG 115 Technical Writing	3	See Placement Test Scores	ENG 111	
MEC 101 Introduction to Engineering Technology I <i>Offered Fall Only</i>	2			
CAD 151 Engineering Drawing Fundamentals I <i>Offered Fall Only</i>	3		CAD 201	
ITE 115 Introduction to Computer Applications and Concepts	3		See Note 2	
MEC 113 Materials and Processes of Industry	3			
ELE 150 A.C. and D.C. Circuit Fundamentals	4			
MEC 102 Introduction to Engineering Technology II <i>Offered Spring Only</i>	2	MEC 101		
CAD 241 Parametric Solid Modeling I	3			
CAD 242 Parametric Solid Modeling II	3	CAD 241		
ELE 159 Electrical Motors	3	ELE 150		
ART 101, ART 102, or PHI 220	3			
MEC 131 Mechanics I – Statics for Engineering Technology	2			
MEC 211 Machine Design I <i>Offered Fall Only</i>	4			
CHM 101 Introduction to Chemistry I or PHY 101 Introduction to Physics I	4		CHM 111 or PHY 201 or higher level PHY	
MAC 131 Machine Lab I	2			
MEC 270 Computations for Engineering Technology	3			
MEC 132 Mechanics II – Strength of Materials for Engineering Technology <i>Offered Spring Only</i>	3	MEC 131		
MEC 161 Basic Fluid Mechanics – Hydraulics/Pneumatics	3			
SOC 200 Principles of Sociology	3			
Total Credits For Program	60			

NOTES:

1. Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
2. Students with good computer skills may seek to satisfy this requirement by CLEP.
3. This program is not intended for transfer. Students desiring to transfer should consult their faculty advisor and their intended transfer institutions.
4. Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
5. Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.