



Program Planning Guide

Mechanical Engineering Technology, Associate in Applied Science Degree (A40320)

Program Length: 5 semesters

Program Sites: Lee Main Campus, Day Program

Career Pathway Options: Associate in Applied Science Degree in Mechanical Engineering

Suggested Course Schedule		Class	Lab	Work	Credits	Notes:
1st Semester (fall)						
ACA 122	College Transfer Success	0	2	0	1	
DFT 154	Intro to Solid Modeling	2	3	0	3	
MEC 180	Engineering Materials	2	3	0	3	
CIS 110	Introduction to Computers	2	2	0	3	
Math requirement, select one:						
MAT 121	Algebra/Trigonometry I	2	2	0	3	
MAT 171	Precalculus Algebra	3	2	0	4	<i>Recommended/Transferrable</i>
	Total Semester Hours	8/9	12	0	13/14	
2nd Semester (spring)						
DFT 151	CAD I	2	3	0	3	
DDF 211	Design Process I	1	6	0	4	
DFT 254	Intermed. Solid Model/Render	2	3	0	3	
ENG 111	Writing & Inquiry	3	0	0	3	
Math requirement, select one:						
MAT 122	Algebra/Trigonometry II	2	2	0	3	
MAT 172	Precalculus Trigonometry	3	2	0	4	<i>Recommended/Transferrable</i>
	Total Semester Hours	10/11	14	0	16/17	

3rd Semester (summer)						
PHY 131	Physics - Mechanics	3	2	0	4	
HYD 110	Hydraulics/Pneumatic I	2	3	0	3	
Social/Behavioral Science requirement		3	0	0	3	
	Total Semester Hours	8	5	0	10	
4th Semester (fall)						
DDF 212	Design Process II	1	6	0	4	
DFT 152	CAD II	2	3	0	3	
EGR 250	Statics & Strengths of Materials	4	3	0	5	
MEC 111	Machine Processes I	1	4	0	3	
Communications requirement		3	0	0	3	<i>Recommend ENG 112</i>
	Total Semester Hours	14	16	0	18	
5th Semester (spring)						
DFT 153	CAD III	2	3	0	3	
EGR 285	Design Project	0	4	0	2	
MEC 161	Manufacturing Processes I	3	0	0	3	
MEC 275	Engineering Mechanisms	2	2	0	3	
Humanities/Fine Arts requirement		3	0	0	3	
	Total Semester Hours	10	9	0	14	
Total Semester Hours Required for Graduation: 71						