

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

Program Length: 5 semesters

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

Program Site(s): Lee Main Campus, Day Program

Suggested Course Schedule:		Hours				Notes:
		Class	Lab	Clinical	Credit	
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	
Mathematics - select one course:					3	
MAT 121	Algebra/Trigonometry I	2	2	0		
MAT 171*	Precalculus Algebra	3	2	0		*Recommended/Transferrable
					13	
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	
Mathematics - select one course:					3	
MAT 122	Algebra/Trigonometry II	2	2	0		
MAT 172*	Precalculus Trigonometry	3	2	0		*Recommended/Transferrable
Physics - select one course:					4	
PHY 131	Physics - Mechanics	3	2	0		
PHY 151	College Physics I	3	2	0		
					17	
3rd Semester (Summer)						
ENG 111	Writing and Inquiry	3	0	0	3	
HYD 110	Hydraulics/Pneumatic I	2	3	0	3	
Social/Behavioral Science Elective:					3	
					9	
4th Semester (Fall)						
DDF 212	Design Process II	1	6	0	4	
DFT 152	CAD II	2	3	0	3	
EGR 250	Statics and Strengths of Materials	4	3	0	5	
MEC 111	Machine Processes I	1	4	0	3	
Communications Elective - select one course:					3	
COM 110	Introduction to Communications					
COM 120	Intro to Interpersonal Communication					
COM 231	Public Speaking					
ENG 112*	Writing/Research in the Disciplines					*Recommended
ENG 114	Professional Research & Reporting					
ENG 115	Oral Communications					
ENG 116	Technical Report Writing					
					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 Elective					3	
					14	
Total Semester Hours Credit Required for Graduation:					71	