

PROGRAM PLANNING GUIDE

MECHANICAL ENGINEERING TECHNOLOGY D40320A

Replaces Curriculum Schedule with Revision Date: FA2024

Date Revised: FA2025

CURRICULUM BY SEMESTER

					Hours Per Week		Credits	Semesters Offered
Course No.		Course Title	Pre-Requisites	Co-Requisites	Class	Lab		
Fall Semester								
DFT	154	Intro to Solid Modeling	None	None	2	3	3	FA, SP
MEC	130	Mechanisms	None	None	2	2	3	FA, SP
ACA	115	Success & Study Skills	None	None	0	2	1	FA, SP, SU
EGR	125	Appl Software for Tech	None	None	1	2	2	FA, SP
MAT	121	Algebra/Trigonometry I	MAT 003, MAT 021, MAT 035, or MAT 045A (If required)	None	2	2	3	FA, SP, SU
ENG	111	Writing and Inquiry	ENG 025 (If required)	ENG 045 (If required)	3	0	3	FA, SP, SU

Spring Semester								
DFT 151	CAD I	None	None		2	3	3	FA, SP
DFT 254	Interm. Solid Modeling & Rendering	DFT 154	None		2	3	3	SP, SU
MEC 161	Manufacturing Processes I	None	None		3	0	3	SP, FA
PHY 131	Physics-Mechanics	MAT 121, Minimum Grade C or MAT 171	None		3	2	4	SP
ISC 112	Industrial Safety	None	None		2	0	2	SP

Summer Semester								
DFT 152	CAD II	DFT 151	None		2	3	3	FA, SP
PSY 150	General Psychology	ENG 002 or ENG 025	None		3	0	3	FA, SP, SU
MEC 180	Engineering Materials	None	None		2	3	3	FA, SU

Graduation Requirement Credit Hours: 39