

PROGRAM PLANNING GUIDE

MECHANICAL ENGINEERING TECHNOLOGY C40320L: Mechanical Analysis and Design II

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			
Spring Semester 1									
DFT	154	Intro to Solid Modeling	None	None	2	3	3	FA, SP	

Summer Semester 1								
MAT	121	Algebra/Trigonometry I	MAT 003, MAT 021, MAT 035, or MAT 045A (If required)	None	2	2	3	FA, SP, SU

Fall Semester 1								
DFT	254	Interm. Solid Modeling & Rendering	DFT 154	None	2	3	3	FA, SU
EGR	251	Statics	MAT-121, MAT-171, or MAT-271	None	2	2	3	FA, SP

Spring Semester 2								
MEC	180	Engineering Materials	None	None	2	3	3	FA, SU

Summer Semester 2								
EGR	252	Strength of Materials	EGR 251	None	2	2	3	SP

Graduation Requirement Credit Hours: 18