

PROGRAM PLANNING GUIDE

MECHANICAL ENGINEERING TECHNOLOGY

A40320

Replaces Curriculum Schedule with Revision Date: FA2017

Date Revised: FA2018

CURRICULUM BY SEMESTER

Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Fall Semester 1								
DFT	151		CAD I	2	3		3	
EGR	115		Introduction to Technology	2	3		3	
MEC	161		Manufacturing Processes I	3	0		3	
ENG	111		Writing and Inquiry	3	0		3	
MAT	121		Algebra/Trigonometry I	2	2		3	

Spring Semester 1								
DFT	152		CAD II	2	3		3	
DFT	153		CAD III	2	3		3	
MEC	130		Mechanisms	2	2		3	
ENG	114		Professional Research & Reporting	3	0		3	
PHY	131		Physics-Mechanics	3	2		4	

Summer Semester 1								
TDP	110		Introduction to 3-D Printing	2	3		3	
PSY	118		Interpersonal Psychology	3	0		3	

Fall Semester 2								
DFT	154		Intro in Solid Modeling	2	3		3	
EGR	251		Statics	2	2		3	
MEC	180		Manufacturing Materials	2	3		3	
MEC	265		Fluid Mechanics	2	2		3	
			Major Electives Group 1	-	-		3	

Spring Semester 2								
EGR	252		Strength of Materials	2	2		3	
EGR	285		Design Project	0	4		2	
ISC	121		Environmental Health & Safety	3	0		3	
MEC	267		Thermal Systems	2	2		3	
HUM	110		Technology and Society	3	0		3	

Graduation Requirement Credit Hours: 66

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MAJOR ELECTIVES					
			Hours Per Week		
Course No.		Course Title	Class	Lab	Credits
Major Electives		Credit Hours Needed:	3		
ARC	225	Architectural BIM I	1	3	2
ARC	225A	Architectural BIM I Lab	0	3	1
CEG	111	Introduction to Gis and Gnss	2	4	4
ELC	128	Intro to PLC	2	3	3
WBL	111	Work-Based Learning I	0	10	1
WBL	112	Work-Based Learning I	0	20	2