

MECHANICAL ENERGY ENGINEERING
Sample Five-Year schedule starting with Pre-Calculus

Year One

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700, Tech. Writing	3
ENGR 1304, Engineering Graphics	3	CHEM 1410 or CHEM 1415, Chemistry	3
HIST 2610, American History I	3	CHEM 1430 or CHEM 1435, Chemistry Lab	1
Total hours	14	HIST 2620, American History II	3
		Total hours	14

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1720, Calculus II	4	MATH 2700, Linear Algebra	3
PHYS 1710, Mechanics	3	MATH 2730, Multivariable Calculus	3
PHYS 1730, Mechanics Lab	1	PHYS 2220, E. & M.	3
MEEN 1000, Discover Mech. & Energy	3	PHYS 2240, E. & M. Lab	1
MTSE 3000, Materials	3	MEEN 2301, Mech I	3
MTSE 3003, Materials Lab		Total hours	13
Total hours	14		

Year Three

FALL		SPRING	
MATH 3410, Diff. Equ.	3	MEEN 2302, Mech II	3
MEEN 2240, Prog. Mech. Engr.	3	MEEN 3250, Analy. Methods	3
MEEN 2210, Thermo	3	MEEN 3110, Thermodynamics	3
MEEN 2110, Engr. Data Analysis	3	MEEN 3120, Fluids	3
MEEN 2332, Mech III	3	MEEN 3240, Lab I	2
Total hours	15	Total hours	14

Year Four

FALL		SPRING	
EENG 2610 or ENGR 2405, Circuit Analysis	3	MEEN 3100, Manufact.	3
MEEN 3130, Mach. Elem.	3	MEEN 4150, Design I	3
MEEN 3210, Heat Transfer	3	Technical Elective	3
MEEN 3230, Dyna. & Contls	3	Energy Elective	3
MEEN 3242 Lab II	1	Total hours	12
Total hours	13		

Year Five

FALL		SPRING	
MEEN 4250, Capstone	3	Social and Behavioral Science	3
Energy Elective	3	Language, Philosophy, & Culture	3
Technical Elective	3	Social and Behavioral Science	3
PSCI 2306, State Government/Political Science	3	Creative Arts	3
Total hours	12	Total hours	12