

MECHANICAL ENERGY ENGINEERING
Sample Five-Year schedule starting with Algebra

Year One

FALL		SPRING	
MATH 1100, Algebra	3	MATH 1650, Pre-Calculus	5
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700, Tech. Writing	3
HIST 2610, American History	3	HIST 2620, American History II	3
PSCI 2305, Federal Government	3	PSCI 2306, State Government/Political Science	3
Creative Arts	3	Total hours	14
Total hours	15		

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1710, Calculus I	4	MATH 1720, Calculus II	3
MEEN 1000, Discover Mech. & Energy	3	PHYS 1710, Mechanics	3
CHEM 1410 or CHEM 1415, Chemistry	3	PHYS 1730, Mechanics Lab	1
CHEM 1430 or CHEM 1435, Chemistry Lab	1	ENGR 1304, Engineering Graphics	3
Language, Philosophy, & Culture	3	MTSE 3000, Materials	3
Total hours	14	MTSE 3003, Materials Lab	
		Total hours	13

Year Three

FALL		SPRING	
MATH 2700, Linear Algebra	3	MATH 3410, Diff. Equ.	3
MATH 2730, Multivariable Calculus	3	MEEN 2210, Thermo	3
PHYS 2220, E. & M.	3	MEEN 2240, Prog. Mech. Engr.	3
PHYS 2240, E. & M. Lab	1	MEEN 2332, Mech III	3
MEEN 2301, Mech I	3	MEEN 2110, Engr. Data Analysis	2
Total hours	13	Total hours	14

Year Four

FALL		SPRING	
MEEN 2302, Mech II	3	EENG 2610 or ENGR 2405, Circuit Analysis	3
MEEN 3250, Analy. Methods	3	MEEN 3130, Mach. Elem.	3
MEEN 3110, Thermodynamics	3	MEEN 3210, Heat Transfer	3
MEEN 3120, Fluids	3	MEEN 3230, Dyna. & Contls	3
MEEN 3240, Lab I	2	MEEN 3242, Lab II	1
Total hours	14	Total hours	13

Year Five

FALL		SPRING	
MEEN 3100, Manufact.	3	MEEN 4250, Capstone Design	3
MEEN 4150, Design I	3	Energy Elective	3
Technical Elective	3	Technical Elective	3
Energy Elective	3	Social and Behavioral Science	3
Total hours	12	Total hours	12