

MECHANICAL ENGINEERING TECHNOLOGY  
Sample Four a Half 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
CHEM 1410 or CHEM 1415, Chemistry	3	ENGR 1304, Engineering Graphics	3
CHEM 1430 or CHEM 1435, Chemistry Lab	1	HIST 2610, American History I	3
Total hours	12	PSCI 2305, Federal Government/Political Science	3
		Total hours	16

Destination Course

Math below Calculus

**Year Two**

FALL		SPRING	
MATH 1720, Calculus II	3	PHYS 2220, E. & M.	3
CSCE 1030, Computer Science I	4	PHYS 2240, E. & M. Lab	1
PHYS 1710, Mechanics	3	ENGR 2301, Statics	3
PHYS 1730, Mechanics Lab	1	PSCI 2306, State Government/Political Science	3
HIST 2620, American History II	3	Creative Arts	3
Total Hours	14	Total hours	13

**Year Three**

FALL		SPRING	
ENGR 2332, Mechanics of Materials	4	ENGR 2302, Dynamics	3
ENGR 2405, Circuit	3	ELET 3980, Digital Controls	3
ENGR 2415, Circuit Lab	1	ENGR 3450, Materials	4
ENGR 1030, Technological Systems	3	Advanced Technical Elective	3
Social and Behavioral Science	3	Language, Philosophy, & Culture	3
Total hours	14	Total hours	16

**Year Four**

FALL		SPRING	
MEET 3940, Fluid Mechanics	3	MEET 3650, Design of Mech. Components	3
MEET 3990, Thermo.	3	MFET 4190, Quality Assurance	3
MFET 3110, Mach. Principles & Processes	3	MFET 4210, CAD/CAM System Operations	3
Advanced Technical Elective	3	Technical Elective	3
Advanced Technical Elective	3	MEET 4780, Senior Design I	1
Total hours	15	MEET 4350, Heat Transfer	3
		Total hours	16

**Year Five**

FALL	
MEET 4050, Mechanical Design	3
MFET 4200, Engineering Costs	3
MEET 4790, Senior Design II	3
MEET 4360, Exper. Thermal Sci.	3
Advanced Technical Elective	2
Total hours	14