

Mechanical Engineering Program

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
MATH 1850 Calculus I 4 Hours	MATH 1860 Calculus II 4 Hours	MATH 2850 Calculus III 4 Hours	MATH 3860 Differential Equations 3 Hours	MIME 3400 Thermo-dynamics I 3 Hours [CR MATH 3860]	MIME 3410 Thermo-dynamics II 3 Hours	Social Sci. or Humanities Elective 3 Hours	MIME 4200 Senior Design Projects 3 Hours [MIME 3320]
ENGL 1110 College Composition 3 Hours	ENGL 1930 Engineering Technical Writing 3 Hours	MIME 2650 Manufacturing Processes 3 Hours [MIME 1650]	MIME 2000 Statistics & Measurements Lab 2 Hours	EECS 2340 Circuit Analysis for Non-Majors 3 Hours	MIME 3430 Fluid Mechanics 3 Hours	MIME 3440 Heat Transfer 3 Hours	MIME 3470 Thermal Science Lab 2 Hours [MIME 3400] [CR MIME 3430]
CHEM 1230 College Chemistry 4 Hours	PHYS 2130 Physics I 5 Hours	PHYS 2140 Physics II 5 Hours	CIVE 1160 Mechanics of Materials 3 Hours	MIME 3310 Mechanical Design I 3 Hours [MIME 1650]	MIME 3320 Mechanical Design II 3 Hours	Technical Elective 3 Hours	Technical Elective 3 Hours
MIME 1000 Orientation to ME & IE 3 Hours	MIME 1010 Professional Development 1 Hour	CIVE 1150 Engineering Statics 3 Hours	MIME 2300 Engineering Dynamics 3 Hours	MIME 3300 Design / Anal of Mechanical Systems 3 Hours	MIME 3370 Vibration and Control 3 Hours [MATH 3860]	Technical Elective 3 Hours	MIME 3390 Mechanics & Vibrations Lab 2 Hours
MIME 1100 Intro to CAD 2 Hours	MIME 1650 Materials Science & Engineering 3 Hours [CR CHEM 1230]	MATH 1860 MIME 3310	MATH 2890 Numerical Methods and Linear Algebra 3 Hours	MIME 2600 Engineering Economics 3 Hours [Soph. Standing]	Social Sci. or Humanities Elective 3 Hours	Multi-Cultural Elective 3 Hours	Technical Elective 3 Hours
PRE-REQUISITES: Course Pre-Requisites are indicated with arrows and [brackets] below boxes. [CR means Co-Requisite]		Total hours: 128 Required		EECS 2340	EECS 3450 Electrical & Electronic Devices 3 Hours	NOTE: For Plan B, some courses are taken in different semesters.	
16 Hours	16 Hours	15 Hours	17 Hours	15 Hours	18 Hours	15 Hours	16 Hours