

Mechanical Emphasis

Semester	Course Number	Course Title	Credits
1	APPM 1350	Calculus 1 for Engineers	4
	MCEN 1024	Chemistry of Energy and Materials	4
	CSCI 1300	Introduction to Engineering Computing	4
	GEEN 1400	Engineering Projects	3
	Semester Total		
Cumulative Total			15
2	APPM 1360	Calculus 2 for Engineers	4
	PHYS 1110	General Physics 1	4
	GEEN 1017	Engineering Drawing	3
	HUEN 1010	Writing	3
	XXXX XXXX	Lower division H&SS elective	3
Semester Total			17
Cumulative Total			32
3	APPM 2350	Calculus 3 for Engineers	4
	GEEN 3852	Thermodynamics	3
	GEEN 2851	Statics for Engineers	3
	GEEN 2400	Projects 2	3
	XXXX XXXX	Lower division H&SS elective	3
Semester Total			16
Cumulative Total			48
4	APPM 2360	Linear Algebra and Differential Equations	4
	PHYS 1120	General Physics 2	4
	PHYS 1140	Experimental Physics	1
	MCEN 2043	Dynamics	3
	GEEN 3024	Material Science for Engineers	3
Semester Total			15
Cumulative Total			63
5	GEEN 3010	Circuits for Engineers	3
	GEEN 3400	Projects 3	3
	MCEN 2063	Mechanics of Solids	3
	XXXX XXXX	Concentration	3
	XXXX XXXX	Lower division H&SS elective	3
	XXXX XXXX	Elective	3
Semester Total			18
Cumulative Total			81

Mechanical Emphasis

Semester	Course Number	Course Title	Credits
----------	---------------	--------------	---------

6	GEEN 3853	Data Analysis for Engineers	4
	MCEN 3021	Fluid Mechanics	3
	MCEN 3025	Component Design	3
	XXXX 3/4XXX	Upper division H&SS elective	3
	XXXX XXXX	Concentration	3
	XXXX XXXX	Elective	1
Semester Total			17
Cumulative Total			98

7	MCEN 4043	System Dynamics	3
	MCEN 4045	Mechanical Senior Design Project 1	3
	XXXX XXXX	Concentration	3
	XXXX 3/4XXX	Upper division H&SS elective	3
	XXXX XXXX	Elective	3
Semester Total			15
Cumulative Total			113

8	MCEN 4085	Mechanical Senior Design Project 2	3
	XXXX XXXX	Concentration	3
	XXXX XXXX	Concentration	3
	XXXX XXXX	Elective	3
	XXXX XXXX	Elective	3
	FE Exam	Fundamentals of Engineering Exam Required	-
Semester Total			15
Cumulative Total			128