

Freshman Year			Sophomore Year		
<i>Fall Term</i>			<i>Fall Term</i>		
PH	111 Physics I	4	MA	211 Diff Eq & Matrix Algebra I	4
MA	111 Calculus I	5	ES	201 Conservation and Acctg Principles	4
CLSK	100 College and Life Skills	1	ECE	203 DC Circuits	4
EM	104 Graphical Communications	2	HSS	Elective	4
RH	131 Rhetoric & Composition	4			16
		16			
<i>Winter Term</i>			<i>Winter Term</i>		
PH	112 Physics II	4	MA	212 Diff Eq & Matrix Algebra II	4
MA	112 Calculus II	5	ES	202 Fluid and Thermal Systems	3
CSSE	120R Intro to Software Dev (Robotics)	4	ES	204 Mechanical Systems	3
ECE	130 Logic Design (FE)	4	CHEM	111 General Chemistry I	4
		17	ECE	204 AC Circuits	4
					18
<i>Spring Term</i>			<i>Spring Term</i>		
PH	113 Physics III	4	MA	223 Statics for Engineers	4
MA	113 Calculus III	5	ES	205 Analysis and Design of Engrg Sys	4
EM	121 Statics and Mechanics of Mat I	4	CHEM	113 General Chemistry II	4
EM	103 Intro to Design	2	ECE	250 Electronic Device Modeling (FE)	4
		15			16
Junior Year			Senior Year		
<i>Fall Term</i>			<i>Fall Term</i>		
ME	301 Thermodynamics II	4	ROBO	410 Robotics Senior Design (TE)	4
EM	204 Statics and Mechanics of Mat II	4	ME	406 Control Systems	4
HSS	Elective	4	ME	430 Mechatronics	4
ME	403 Kinematics of Machinery (TE)	4	ME	470 Engineering System Design	3
ME	323 Computer Applications II	2			15
		18			
<i>Winter Term</i>			<i>Winter Term</i>		
ME	317 Design for Manufacturing	3	ROBO	420 Robotics Senior Design	4
ME	328 Materials Engineering	4	ECE	333 Digital Systems (TE)	4
HSS	Elective	4	ME	421 M.E. Lab	2
RH	330 Technical Communications	4	HSS	Elective	4
		15	HSS	Elective	4
					18
<i>Spring Term</i>			<i>Spring Term</i>		
HSS	Elective	4	ROBO	430 Robotics Senior Design	4
ME	480 Machine Component Design	4	ME	435 Robotics Engineering (ATE)	4
ME	302 Heat Transfer	4	Science	Elective	4
ME	321 Measurement Systems	4	HSS	Elective	4
		16			16

Revised 1/17/12

Total credits required: 196

ATE = Advance Tech Elective (1 required)
 TE = Tech Elective (3 required)
 FE = Free Elective (2 required)