

Freshman Year			Sophomore Year		
<i>Fall Term</i>			<i>Fall Term</i>		
PH	111 Physics I	Credit 4	MA	211 Diff Eq & Matrix Algebra I	Credit 4
MA	111 Calculus I	5	ES	201 Conservation and Acctg Principles	4
CLSK	100 College and Life Skills	1	ES	203 Electrical Systems	4
EM	104 Graphical Communications	2	HSS	Elective	4
RH	131 Rhetoric & Composition	4			<b>16</b>
		<b>16</b>			
<i>Winter Term</i>			<i>Winter Term</i>		
PH	112 Physics II	Credit 4	MA	212 Diff Eq & Matrix Algebra II	Credit 4
MA	112 Calculus II	5	ES	202 Fluid and Thermal Systems	3
<b>CSSE</b>	<b>120R Intro to Software Dev (Robotics)</b>	<b>4</b>	ES	204 Mechanical Systems	3
HSS	Elective	4	CHEM	111 General Chemistry I	4
		<b>17</b>	<b>CSSE</b>	<b>220 Object Oriented Software Development (FE)</b>	<b>4</b>
					<b>18</b>
<i>Spring Term</i>			<i>Spring Term</i>		
PH	113 Physics III	Credit 4	MA	223 Statics for Engineers	Credit 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	<b>CSSE</b>	<b>230 Data Structures (FE)</b>	<b>4</b>
		<b>15</b>			<b>16</b>
<b>Junior Year</b>			<b>Senior Year</b>		
<i>Fall Term</i>			<i>Fall Term</i>		
ME	301 Thermodynamics II	Credit 4	<b>ROBO</b>	<b>410 Robotics Senior Design (TE)</b>	<b>4</b>
EM	204 Statics and Mechanics of Mat II	4	ME	406 Control Systems	4
ECE	207 Electrical Engineering	4	ME	430 Mechatronics	4
<b>ME</b>	<b>403 Kinematics of Machinery (TE)</b>	<b>4</b>	ME	470 Engineering System Design	3
ME	323 Computer Applications II	2			<b>15</b>
		<b>18</b>			
<i>Winter Term</i>			<i>Winter Term</i>		
ME	317 Design for Manufacturing	Credit 3	<b>ROBO</b>	<b>420 Robotics Senior Design</b>	<b>4</b>
ME	328 Materials Engineering	4	<b>ECE</b>	<b>425 Mobile Robotics (TE)</b>	<b>4</b>
HSS	Elective	4	ME	421 M.E. Lab	2
RH	330 Technical Communications	4	Science	Elective	4
		<b>15</b>	HSS	Elective	4
					<b>18</b>
<i>Spring Term</i>			<i>Spring Term</i>		
HSS	Elective	Credit 4	<b>ROBO</b>	<b>430 Robotics Senior Design</b>	<b>4</b>
ME	480 Machine Component Design	4	<b>ME</b>	<b>435 Robotics Engineering (ATE)</b>	<b>4</b>
ME	302 Heat Transfer	4	HSS	Elective	4
ME	321 Measurement Systems	4	HSS	Elective	4
		<b>16</b>			<b>16</b>