



<b>YEAR 1 SEMESTER 1</b>	MATH1700 <i>Pre-Calculus</i>	ENGR1210 <i>Intro to Programming</i>	ORAL COMM. <i>(Ex: SPCH1000)</i>	ENGR1110 <i>Introduction to Engineering</i>	MENG1110 <i>Engineering Drawings &amp; 3D Design</i>
	3 Credits	3 Credits	3 Credits	3 Credits	4 Credits
<b>YEAR 1 SEMESTER 2</b>	WRITTEN COMM. <i>(Ex: WRIT2010)</i>	CHEM2110 <i>Chemistry with Lab</i>	HUMANITIES ELECTIVE	MENG1220 <i>Machining for Engineers Lecture</i>	MENG1210 <i>Machining for Engineers Lab</i>
	3 Credits	4 Credits	3 Credits	2 Credits	2 Credits
<b>YEAR 2 SEMESTER 1</b>	MATH1811 <i>Calculus I</i>	PHYS1800 <i>Physics I with Lab</i>	ECON1000 <i>Intro to Micro &amp; Macro Economics</i>	SOCIAL SCIENCE ELECTIVE	
	4 Credits	4 Credits	3 Credits	3 Credits	
<b>YEAR 2 SEMESTER 2</b>	MATH1821 <i>Calculus II</i>	PHYS1820 <i>Physics II with Lab</i>	ENGR1221 <i>Electrical Circuits &amp; Automation with Lab</i>	MENG3140 <i>Materials Science</i>	
	4 Credits	4 Credits	4 Credits	3 Credits	
<b>YEAR 3 SEMESTER 1</b>	MATH2810 <i>Multi-Variable Calculus</i>	MATH2260 <i>Probability and Statistics</i>	MENG3130 <i>Thermodynamics</i>	MENG1230 <i>Statics</i>	
	4 Credits	4 Credits	4 Credits	3 Credits	
<b>YEAR 3 SEMESTER 2</b>	MATH2820 <i>Linear Algebra &amp; Differential Equations</i>	ENGR3120 <i>Engineering Economics</i>	MENG2240 <i>Mechanics of Materials</i>	ENGR4120 <i>Principles of Quality, Lean Mfg. &amp; DOE</i>	MENG3111 <i>Design for Manufacturability &amp; Lab</i>
	4 Credits	2 Credits	3 Credits	3 Credits	3 Credits
<b>YEAR 4 SEMESTER 1</b>	MENG3250 <i>Heat Transfer</i>	MENG4141 <i>Senior Design I</i>	MENG3230 <i>Fluid Mechanics</i>	MENG2230 <i>Dynamics</i>	
	3 Credits	3 Credits	3 Credits	3 Credits	
<b>YEAR 4 SEMESTER 2</b>	MENG4130 <i>Finite Element Analysis</i>	MENG4240 <i>Senior Design II</i>	MENG4111 <i>Control of Dynamic Systems</i>	MENG4211 <i>Heat Transfer Apps &amp; HVACR &amp; Lab</i>	
	3 Credits	4 Credits	4 Credits	4 Credits	
<b>YEAR 5 SEMESTER 1</b>	ENGR2210 <i>Mechatronics</i>	MENG3241 <i>Machine Design &amp; Failure Analysis</i>	ENGR4110 <i>Engineering Ethics</i>	MENG3211 <i>Measurements &amp; Lab</i>	
	2 Credits	3 Credits	2 Credits	4 Credits	