



## Freshman Year

Course	Title	LT	LB	Cr
CHEM 101	Principles of Chemical Science I	3	4	4
ENGL 101	Intro. Academic Discourse	3	0	3
IAS 121	Language Foundation	2	0	2
MATH 101	Calculus I	4	0	4
PE 101	Health and Physical Education I	0	2	1
PHYS 101	General Physics I	3	3	4
<b>Total</b>		<b>15</b>	<b>9</b>	<b>18</b>

Course	Title	LT	LB	Cr
ENGL 102	Introduction to report writing	3	0	3
IAS 111	Belief & Its Consequences	2	0	2
ICS 104	Intro. to Programm. In Python & C	2	3	3
MATH 102	Calculus II	4	0	4
PHYS 102	General Physics II	3	3	4
<b>Total</b>		<b>14</b>	<b>6</b>	<b>16</b>

## Sophomore Year

Course	Title	LT	LB	Cr
CE 202	Statics & Strength of Materials	3	0	3
ENGL 214	Academic & Professional Writing	3	0	3
MATH 201	Calculus III	3	0	3
ME 203	Thermodynamics I	3	0	3
ME 210	ME Drawing & Graphics	2	3	3
ME 216	Materials Science and Eng.	3	0	3
ME 217	Mat. Sci. and Eng. Lab	0	3	1
<b>Total</b>		<b>17</b>	<b>6</b>	<b>19</b>

Course	Title	LT	LB	Cr
EE 234	EE Principles and Applications	3	0	3
EE 235	EE Principles and Applications Lab	0	3	1
ISE 291	Intro. to Data Science	3	0	3
MATH 202	Elements of Differential Equations	3	0	3
ME 201	Dynamics	3	0	3
ME 204	Thermodynamics II	3	0	3
ME 218	Intro. ME Design	1	3	2
<b>Total</b>		<b>16</b>	<b>6</b>	<b>18</b>

## Junior Year

Course	Title	LT	LB	Cr
COE 292	Intro. to Artificial Intelligence	3	0	3
IAS 212	Ethics and Governance	2	0	2
STAT 319	Prob.& Stat. for Engineers	2	3	3
ME 301	Machine Design I	3	0	3
ME 311	Fluid Mechanics	3	0	3
ME 322	Manufacturing Processes	3	0	3
ME 323	Manufacturing Lab	0	3	1
<b>Total</b>		<b>16</b>	<b>6</b>	<b>18</b>

Course	Title	LT	LB	Cr
BUS 200	Business & Entrepreneurship	3	0	3
CGS 392	Career Essentials	0	2	1
IAS xxx	Islamic/Arabic Elective	2	0	2
MATH 371	Intro. Numerical Methods	3	0	3
ME 302	Machine Design II	3	0	3
ME 303	Mechanical System Design Lab	0	3	1
ME 315	Heat Transfer	3	0	3
ME 316	Thermo-fluid Lab	0	3	1
<b>Total</b>		<b>14</b>	<b>8</b>	<b>17</b>

## Senior Year

Course	Title	LT	LB	Cr
ME 398	Internship	0	0	6
<b>Total</b>		<b>0</b>	<b>0</b>	<b>6</b>

Course	Title	LT	LB	Cr
GS xxx	GS Elective	3	0	3
ME 401	System Dynamics & Control	3	0	3
ME 402	Measurements & Control Lab	0	3	1
ME 415	Senior Design Project	0	9	3
ME 4xx	ME Elective I	3	0	3
ME 4xx	ME Elective II	3	0	3
<b>Total</b>		<b>12</b>	<b>12</b>	<b>16</b>

Total Credit Hours

128