

FIRST YEAR (34 credit hours)			
Term	Course #	Course Title	Credit Hours
Fall	ENGL 202	English Language I Post Foundation	3
	MATH 101	Calculus I	3
	CHEM 101	General Chemistry I	3
	CHEM 103	Experimental General Chemistry I	1
	CMPS 151	Programming Concepts	3
	CMPS 152	Programming Concepts Laboratory	1
	GENG 107	Engineering Skills and Ethics	3
<b>Total Credit Hours in Semester</b>			<b>17</b>
Spring	ENGL 203	English Language II Post Foundation	3
	MATH 102	Calculus II	3
	PHYS 191	General Physics for Engineering I	3
	PHYS 192	Experimental General Physics for Engineering I	1
	CMPS 251	Object-Oriented Programming	3
	CMPS 252	Object-Oriented Programming Laboratory	1
	CMPS 205	Discrete Structures for Computing	3
<b>Total Credit Hours in Semester</b>			<b>17</b>

THIRD YEAR (34 credit hours)			
Term	Course #	Course Title	Credit Hours
Fall	CMPE 455	Data Communication and Computer Networks I	3
	CMPE 456	Data Communication and Computer Networks I Laboratory	1
	CMPE 363	Computer Architecture and Organization II	3
	CMPS 405	Operating Systems	3
	CMPS 406	Operating Systems Laboratory	1
	MATH 217	Mathematics for Engineers	3
	CMPE 370	Computer Engineering Practicum	1
		Free Elective	2
<b>Total Credit Hours in Semester</b>			<b>17</b>
Spring	CMPE 457	Data Communication and Computer Networks II	3
	CMPE 364	Microprocessor Based Design	3
	CMPE 365	Microprocessor Based Design Laboratory	1
	GENG 360	Engineering Economics	3
	CMPE 476	Digital Signal Processing	3
	CMPS 411	Software Engineering	3
	CMPE 478	Digital Signal Processing Laboratory	1
<b>Total Credit Hours in Semester</b>			<b>17</b>

SECOND YEAR (36 credit hours)			
Term	Course #	Course Title	Credit Hours
Fall	CMPE 261	Digital Logic Design	3
	CMPE 262	Digital Logic Design Laboratory	1
	PHYS 193	General Physics for Engineering II	3
	PHYS 194	Experimental General Physics for Engineering II	1
	MATH 211	Calculus III	3
	ARAB 100	Arabic Language I	3
	ELEC 201	Electric Circuits	3
	<b>Total Credit Hours in Semester</b>		
Spring	ELEC 351	Signals and Systems	3
	ELEC 231	Fundamentals of Electronics	3
	CMPS 303	Data Structures	3
	GENG 200	Probability and Statistics for Engineers	3
	CMPE 263	Computer Architecture and Organization I	3
<b>Total Credit Hours in Semester</b>			<b>15</b>

FOURTH YEAR (28 credit hours)			
Term	Course #	Course Title	Credit Hours
Fall	CMPE 498	Design Project I	1
	GENG 300	Numerical Methods	3
	DAWA 111	Islamic culture	3
		Major Elective I	3
		Core Curriculum Elective *	3
	CMPE 462	Computer Interfacing	3
<b>Total Credit Hours in Semester</b>			<b>16</b>
Spring	CMPE 499	Design Project II	3
		Major Elective II	3
		Core Curriculum Elective *	3
		Major Elective III	3
<b>Total Credit Hours in Semester</b>			<b>12</b>

\*Student must complete a minimum of 3 credit hours from Social/Behavioral Sciences package and a minimum of 3 credit hours from Humanities /Fine Arts package.