

Sixth: Advisory Study Plan

First Academic Year

First Semester			Second Semester		
Course Number	Course Title	Cr. Hr.	Course Number	Course Title	Cr. Hr.
0301101	Calculus I	3	0301102	Calculus II	3
0302101	General Physics I	3	0302102	General Physics II	3
0302111	Practical Physics I	1	0302112	Practical Physics II	1
0303101	General Chemistry I	3	0904131	Engineering Graphics & Descriptive Geometry	3
0907101	Computer Skills for Engineers	3	0907231	Digital Logic	3
0966111	Engineering Workshops	1	-----	University Requirement	3
Total		14	Total		16

Second Academic Year

First Semester			Second Semester		
Course Number	Course Title	Cr. Hr.	Course Number	Course Title	Cr. Hr.
0903211	Electrical Circuits (I)	3	0903212	Electrical Circuits (II)	3
0301201	Calculus III	3	0903261	Electronics (I)	3
0903201	Engineering Analysis (I)	3	0903202	Engineering Analysis (II)	3
0953221	Signal Analysis & Systems	3	0903233	Microcontroller Applications	3
0903232	Microprocessor Systems & Languages	3	0907234	Digital Logic Lab	1
-----	University Requirement	3	0933219	Electrical Circuits Lab	1
			-----	University Requirement	3
Total		18	Total		17

Third Academic Year

First Semester			Second Semester		
Course Number	Course Title	Cr. Hr.	Course Number	Course Title	Cr. Hr.
0943351	Electromagnetics (I)	3	0903352	Electromagnetics (II)	3
0903371	Electrical Machines (I)	3	0933372	Electrical Machines (II)	3
0903361	Electronics (II)	3	0943301	Engineering Numerical Methods	3
0963321	Probability and Statistics	3	0903362	Digital Electronics	3
0933368	Electronics Lab	1	0901420	Engineering Economy	3

0933239	Microcontroller Applications Lab	1	-----	University Requirement	3
-----	University Requirement	3			
Total		17	Total		18

Fourth Academic Year

First Semester			Second Semester		
Course Number	Course Title	Cr. Hr.	Course Number	Course Title	Cr. Hr.
0953421	Communications (I)	3	0953422	Communications (II)	3
0953481	Power System Analysis	3	0943482	Power System Protection	3
0933441	Control Systems	3	0943449	Instrumentation and Control Lab	1
0943461	Power Electronics	3	0943423	Communication Electronics	3
0903379	Electrical Machines Lab	1	0903489	Electrical Power Lab.	1
-----	University Requirement	3	0953429	Communications Lab	1
			-----	University Requirement	3
Total		16	Total		15

(Training is conducted during the summer period of the fourth year, and counts as 3 Cr. Hr.)

Fifth Academic Year

First Semester			Second Semester		
Course Number	Course Title	Cr. Hr.	Course Number	Course Title	Cr. Hr.
0973598	Project (1)	1	0973599	Project (2)	2
0903425	Communication Systems	3	0903---	Department Elective	3
0943401	Engineering Ethics	1	0903---	Department Elective	3
0903---	Department Elective Lab	2	0903---	Department Elective	3
0903---	Department Elective	3	-----	University Requirement	3
0903---	Department Elective	3			
-----	University Requirement	3			
Total		16	Total		14