First Year

	First Semester			Second Semester	
Course No.	**Course Title**	**Cr. Hrs.**	**Course No.**	**Course Title**	**Cr. Hrs.**
20132	Calculus (1)	3	11103	Structured Programming	3
20140	Basic Concepts in Chemistry	1	11151	Structured Programming Lab	1
20141	Physics (1)	3	20133	Calculus (2)	3
31112	Arabic Language Communication Skills	3	20134	Discrete Mathematics (1)	3
31122	English Language Communication Skills	3	20142	Physics (2)	3
31151	National Education	3	20150	Physics Lab	1
31160	Leadership and Societal Responsibility	0		Elective University Requirements	3
	Total	**16**		**Total**	**17**

Second Year

	First Semester			Second Semester	
Course No.	**Course Title**	**Cr. Hrs.**	**Course No.**	**Course Title**	**Cr. Hrs.**
20200	Technical Writing and Communication Skills	3	21218	Engineering Drawing Lab	1
20231	Calculus (3)	3	21219	Engineering Workshop	1
20232	Engineering Mathematics(1)	3	21222	Electric Circuits (2)	3
20234	Linear Algebra	3	21229	Electric Circuits Lab	1
21221	Electric Circuits (1)	3	21231	Electronics (1)	3
22210	Programming Applications Lab	1	22241	Digital Logic Design	3
22242	Object Oriented Laboratory for IoT	1	27251	Introduction to IoT	1
	Total	**17**	31251	Military Science	3
				Total	**16**

Third Year

	First Semester			Second Semester	
Course No.	**Course Title**	**Cr. Hrs.**	**Course No.**	**Course Title**	**Cr. Hrs.**
20331	Engineering Mathematics(2)	3	11325	Database Fundamentals	3
20335	Applied Probability and Statistics	3	22348	Digital Logic Lab	1
21331	Electronics (2)	3	27321	Electromagnetics (1)	3
21338	Electronics Lab	1	27355	Communication Principles	3
27351	Internet of things programming and applications	3	31254	Entrepreneurship and Innovation	3
27352	Internet of things programming and applications Lab	1		Elective University Requirements	3
27353	Signals and Systems	3		**Total**	**16**
	Total	**17**			

Fourth Year

	First Semester			Second Semester	
Course No.	**Course Title**	**Cr. Hrs.**	**Course No.**	**Course Title**	**Cr. Hrs.**
22442	Embedded Systems	3	22448	Embedded Systems Lab	1
24471	Automatic Control	3	27451	Communication Networks	3
27450	Antennas and Waves Propagation	3	27452	Communication Networks Lab	1
27456	Communications Lab	1	27453	IoTSensors and Applications	3
31374	Life Skills	3	27454	IoT Sensors and Applications Lab	1
	Elective Program Requirements	3	27455	Cellular Communications	3
	Total	**16**		Elective University Requirements	3
				Total	**15**

Fifth Year							
First Semester				**Second Semester**			
Course No.	**Course Title**	**Cr. Hrs.**		**Course No.**	**Course Title**	**Cr. Hrs.**	
22570	Artificial Intelligence and Machine Learning	3		24411	Engineering Ethics	1	
27550	Digital Signal Processing	3		27411	Engineering Economics	3	
27551	Wireless IoT	3		27541	IoT Security and Privacy	3	
27552	Cellular Communications and Wireless IoT Lab	1		27542	Internet of Things Security Lab	1	
27591	Senior Design Project (1)	1		27592	Senior Design Project (2)	2	
	Elective Program Requirements	3			Elective Program Requirements	3	
	Total	**14**			**Total**	**13**	

Course No.	**Course Title**	**Cr. Hrs.**		**Course No.**	**Course Title**	**Cr. Hrs.**	
	Total				**Total**		