PROGRAM MAJOR SHEET
Current

Department : Electronics Engineering Technology

Program : industrial Electronics Engineering Technology

Major Core Courses   (42 Credits)

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
53	135	Electrical Circuits (1)	4	6	3	3	0	
53	136	Electrical Circuits (2)	4	6	3	3	0	53/135 , 76/105
53	137	Electronics (1)	4	6	3	3	0	53/135
53	238	Electronics (2)	4	6	3	3	0	53/137
53	139	Digital Circuits	4	6	3	3	0	
53	239	Microporcessor Fundamentals	4	6	3	3	0	53/139
53	105	Electronic Workshop	1	3	0	3	0	
69	307	Electronic Project (Industrial Elect.)	2	3	1	2	0	69/274
69	274	Automatic Control	4	5	3	2	0	53/137
69	275	Industrial Electronics	4	5	3	2	0	53/238
69	370	Industrial Instrumentation	3	4	2	2	0	69/274
69	399	Field Training	4	16	0	0	16	
			42	72	27	29	16	

General Core Courses   (18 Credits)

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
76	105	Mathematics (1)	3	3	3	0	0	
76	106	Mathematics (2)	3	3	3	0	0	76/105
56	113	Basic Physics	3	4	2	2	0	
30	99	Remedial English	0	5	0	0	0	
30	102	Technical English	3	3	3	0	0	PEN Or 30/99
30	162	Technical Writing	3	3	3	0	0	30/102
30	171	Comminucation Skills	3	3	3	0	0	30/102
			18	24	17	2	0	

Total	Cr.	Hrs.
	75	111

Major Elective Courses   (6 Credits)

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
69	382	Programmable Logic Controllers	3	4	2	2	0	53/139
69	384	Computer based control	3	3	3	0	0	69/274
69	385	Microprocessor Applications	3	4	2	2	0	53/239
69	376	Robotics	3	4	2	2	0	69/274
69	377	Computer app. In Industrial Elect.	3	4	2	2	0	69/274, 76/106
69	378	Selected topics in Industrial Elect.	3	3	3	0	0	69/370

General Elective Courses   (3 Credits)

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
15	114	Industrial Psychology	2	2	2	0	0	
63	136	Fundamentals of Air Conditioning	3	3	3	0	0	
66	135	Energy and Water conservation	3	3	3	0	0	
8	110	Physical Education	1	2	2	0	0	
7	141	Art Education (1)	1	2	2	0	0	
7	142	Art Education (2)	1	2	2	0	0	07/ 141
13	151	Music Education	1	2	2	0	0	
21	164	Accounting	2	2	2	0	0	
25	166	Industial Economics	2	2	2	0	0	
22	104	Small Projects Management	2	2	2	0	0	
57	102	Intr. Contracts and Specifications	3	3	3	0	0	
64	268	Design and Creativity in Tech.	2	2	2	0	0	
65	205	Automotive Mechanics	3	3	3	0	0	
3	112	Work Ethics & Loyalty	3	3	3	0	0	

General Compulsory Courses   (6 Credits)

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
1	101	Islamic Culture	2	2	2	0	0	
53	208	Intro. To Electronics Eng. Tech.	2	2	2	0	0	30/101
53	209	Found. & Operating Elect. Prjct.	2	2	2	0	0	53/208
			6	6	6			