The Public Authority for Applied Education and Training College of Technology Studies

Department Electronics Eng Tech

Program: Computer Engineering Technology

Major Core Courses (42 Credits)

		(= 0.00.00)					
No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
130	Electrical Circuits Fundamentals	3	5	2	3	0	
137	Electronics (1)	4	6	3	3	0	53/130
139	Digital Circuits	4	6	3	3	0	
239	Microporcessor Fundamentals	4	6	3	3	0	53/139
132	Comp. Programming Language (1)	4	6	3	3	0	76/105
205	Computer Maintenance	3	5	2	3	0	
307	Computer Project	2	4	1	3	0	60/132, 53/239
222	Computer Operating System	3	3	3	0	0	60/205, 60/132
235	Comp. Programming Language (2)	4	6	3	3	0	60/132
349	Computer Architecture	3	3	3	0	0	53/139
255	Computer Networks (1)	4	6	3	3	0	53/139
399	Field Training	4	16	0	0	16	
		42	72	29	27	16	
	130 137 139 239 132 205 307 222 235 349 255	130 Electrical Circuits Fundamentals 137 Electronics (1) 139 Digital Circuits 239 Microporcessor Fundamentals 132 Comp. Programming Language (1) 205 Computer Maintenance 307 Computer Project 222 Computer Operating System 235 Comp. Programming Language (2) 349 Computer Architecture 255 Computer Networks (1)	130 Electrical Circuits Fundamentals 3 137 Electronics (1) 4 139 Digital Circuits 4 239 Microporcessor Fundamentals 4 132 Comp. Programming Language (1) 4 205 Computer Maintenance 3 307 Computer Project 2 222 Computer Operating System 3 235 Comp. Programming Language (2) 4 349 Computer Architecture 3 255 Computer Networks (1) 4 399 Field Training 4	130 Electrical Circuits Fundamentals 3 5 137 Electronics (1) 4 6 139 Digital Circuits 4 6 239 Microporcessor Fundamentals 4 6 132 Comp. Programming Language (1) 4 6 205 Computer Maintenance 3 5 307 Computer Project 2 4 222 Computer Operating System 3 3 235 Comp. Programming Language (2) 4 6 349 Computer Architecture 3 3 255 Computer Networks (1) 4 6 399 Field Training 4 16	130 Electrical Circuits Fundamentals 3 5 2 137 Electronics (1) 4 6 3 139 Digital Circuits 4 6 3 239 Microporcessor Fundamentals 4 6 3 132 Comp. Programming Language (1) 4 6 3 205 Computer Maintenance 3 5 2 307 Computer Project 2 4 1 222 Computer Operating System 3 3 3 235 Comp. Programming Language (2) 4 6 3 349 Computer Architecture 3 3 3 255 Computer Networks (1) 4 6 3 399 Field Training 4 16 0	130 Electrical Circuits Fundamentals 3 5 2 3 137 Electronics (1) 4 6 3 3 139 Digital Circuits 4 6 3 3 239 Microporcessor Fundamentals 4 6 3 3 132 Comp. Programming Language (1) 4 6 3 3 205 Computer Maintenance 3 5 2 3 307 Computer Project 2 4 1 3 222 Computer Operating System 3 3 3 0 235 Comp. Programming Language (2) 4 6 3 3 349 Computer Architecture 3 3 3 0 255 Computer Networks (1) 4 6 3 3 399 Field Training 4 16 0 0	130 Electrical Circuits Fundamentals 3 5 2 3 0 137 Electronics (1) 4 6 3 3 0 139 Digital Circuits 4 6 3 3 0 239 Microporcessor Fundamentals 4 6 3 3 0 132 Comp. Programming Language (1) 4 6 3 3 0 205 Computer Maintenance 3 5 2 3 0 307 Computer Project 2 4 1 3 0 222 Computer Operating System 3 3 3 0 0 235 Comp. Programming Language (2) 4 6 3 3 0 349 Computer Architecture 3 3 3 0 0 255 Computer Networks (1) 4 6 3 3 0 399 Field Training 4 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

PROGRAM MAJOR SHEET

Current

Major Elective Courses (6 Credits)

Majo	Major Elective Courses (6 Credits)										
Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.			
60	211	Computer applications	3	4	2	2	0	60/132			
60	251	Communcation of Digital Information	3	3	3	0	0	53/139			
60	354	Computer Networks (2)	3	3	3	0	0	60/255			
60	292	Introduction to Database	3	4	2	2	0	60/132			
60	360	Selected topics in Computer Eng.	3	3	3	0	0	60/132, 205,255			
60	231	Object Oriented Programming	3	4	2	2	0	60/132			
60	347	Microprocessors Peripherals	3	4	2	2	0	53/239			
60	242	Internet Programming	3	4	2	2	0	60/132			
60	234	Logic Circuit Families	3	3	3	0	0	53/139,137			

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					