

SCHEME OF STUDIES BATCH - I

BACHELOR OF ELECTRONICS ENGINEERING TECHNOLOGY Offered (2016) Semester

Course Code	Course Title	Credit Hours	
		Theory	Practical
Semester – I			
ELH-112	Islamic Studies	2	0
ELH-122	Pakistan Studies	2	0
ELH-132	Professional Ethics	2	0
ELS-113	Applied Mathematics-I	3	0
ELH-142	English-I	2	0
ELH-151	Occupational Health Safety and Environment	1	0
ELM-111	Industrial Management	1	0
Sub-tot		13	0
Total		13	
Semester – II			
ELS-123	Applied Mathematics-II	3	0
ELT-113	Electrical Circuit Analysis	2	1
ELS-133	Introduction to Computer Fundamentals	2	1
ELH-162	English-II	2	0
Sub-tot		9	2
Total		11	
Semester – III			
ELT-214	Electrical Technology-I	3	1
ELT-224	Digital Logic Technology	3	1
ELT-234	Electrical Machines	3	1
ELT-244	Electronic Devices & Technology	3	1
ELS-213	Computer Programming	2	1
Sub-tot		14	5
Total		19	
Semester – IV			
ELT-254	Electrical Technology-II	3	1
ELT-263	Signals & Systems	2	1
ELS-223	Applied Physics	2	1
ELT-273	Microprocessors	2	1
ELT-284	Instrumentation & Measurement	3	1
ELT-292	Electromagnetic Field Theory	2	0
Sub-tot		14	5
Total		19	
Semester – V			
ELT-313	Control Technology	2	1

ELT-324	Communication Systems and Techniques	3	1
ELT-333	Amplifier & Oscillators	2	1
ELT-343	Power Electronics	2	1
ELH-313	Technical Report Writing	3	0
Sub-tot		12	4
Total		16	
Semester – VI			
ELT-351	Electronics Workshop Practice	0	1
ELT-361	PCB Design and Fabrication Workshop	0	1
ELT-373	Renewable Energy Technology	2	1
ELT-384	Communication Networks	3	1
ELT-394	Wireless Communication	3	1
ELT-3104	Optical Systems	3	1
ELT-3113	Project	0	3
Sub-tot		11	9
Total		20	
Semester – VI Summer			
ELT-3123	Project (Continue)	0	3
Sub-tot		0	3
Total		3	
Semester – VII			
ELT-4116	16 Weeks Supervised Industrial/Field Training	0	16
Sub-tot		0	16
Total		16	
Semester – VIII			
ELT-4216	16 Weeks Supervised Industrial/Field Training	0	16
Sub-tot		0	16
Total		16	
Grand Total		133	