

# SCHEME OF STUDIES BATCH - III

## BACHELOR OF ELECTRONICS ENGINEERING TECHNOLOGY Offered (2018) Semester

Course Code	Course Title	Credit Hours	
		Theory	Practical
<b>Semester – I</b>			
ELH-112	Islamic Studies / Professional Ethics	2	0
ELS-113	Applied Mathematics-I	3	0
ELS-123	Applied Physics	2	1
ELT-111	Electronics Workshop Practice	0	1
ELT-124	Electrical Circuit Analysis	3	1
ELS-133	Introduction to Computer Fundamentals	1	2
<b>Sub-tot</b>		<b>11</b>	<b>5</b>
<b>Total</b>		<b>16</b>	
<b>Semester – II</b>			
ELS-143	Applied Mathematics-II	3	0
ELH-122	Pakistan Studies	2	0
ELS-153	Computer Programming	2	1
ELT-134	Electrical Technology-I	3	1
ELT-144	Digital Logic Technology	3	1
ELT-151	PCB Design and Fabrication Workshop	0	1
<b>Sub-tot</b>		<b>13</b>	<b>4</b>
<b>Total</b>		<b>17</b>	
<b>Semester – III</b>			
ELT-214	Electrical Technology-II	3	1
ELT-224	Electronic Devices & Technology	3	1
ELT-233	Microprocessors	2	1
ELT-244	Instrumentation & Measurement	3	1
ELH-213	Communication Skills	3	0
<b>Sub-tot</b>		<b>14</b>	<b>4</b>
<b>Total</b>		<b>18</b>	
<b>Semester – IV</b>			
ELH-223	Technical Report Writing	3	0
ELT-254	Communication Systems and Techniques	3	1
ELT-263	Signals & Systems	2	1
ELT-272	Electromagnetic Field Theory	2	0
ELT-283	Amplifier & Oscillators	2	1
ELT-293	Power Electronics	2	1
<b>Sub-tot</b>		<b>14</b>	<b>4</b>
<b>Total</b>		<b>18</b>	
<b>Semester – V</b>			

ELT-314	Industrial Drives	3	1
ELT-323	Control Technology	2	1
ELT-334	Communication Networks	3	1
ELT-343	Industrial Electronics Applications	2	1
ELT-353	Renewable Energy Technology	2	1
<b>Sub-tot</b>		<b>12</b>	<b>5</b>
<b>Total</b>		<b>17</b>	
<b>Semester – VI</b>			
ELT-364	Applied Antenna & Wave Propagation	3	1
ELM-313	Project Management	3	0
ELT-374	Wireless Communication	3	1
ELT-384	Optical Systems	3	1
ELT-393	Project	0	3
<b>Sub-tot</b>		<b>12</b>	<b>6</b>
<b>Total</b>		<b>18</b>	
<b>Semester – VI Summer</b>			
ELT-3103	Project (Continue)	0	3
<b>Sub-tot</b>		<b>0</b>	<b>3</b>
<b>Total</b>		<b>3</b>	
<b>Semester – VII</b>			
ELT-4116	16 Weeks Supervised Industrial/Field Training	0	16
<b>Sub-tot</b>		<b>0</b>	<b>16</b>
<b>Total</b>		<b>16</b>	
<b>Semester – VIII</b>			
ELT-4216	16 Weeks Supervised Industrial/Field Training	0	16
<b>Sub-tot</b>		<b>0</b>	<b>16</b>
<b>Total</b>		<b>16</b>	
<b>Grand Total</b>		<b>139</b>	