

B. Sc. Electrical Engineering

Section: Theory EA+EB ----- Lab EA1+EA2+EB1+EB2			
	Course Code	Course Title	No. of Sections
Semester 1	EECS1012	Introduction to Computing	2
	EE1411	Electrical Workshop	4
	EEMT1013	Applied Mathematics I	2
	EE1113	Applied Physics	2
	EE1111	Applied Physics Lab	4
	ENG101	English I	2
	PAK101	Pakistan Studies	2
	Section: Theory EA----- Lab EA1+EA2		
Semester 3	EECS2033	Data Structures and Algorithms	1
	EECS2031	Data Structures and Algorithms Lab	1
	EE2423	Electronic Devices and Circuits	1
	EE2421	Electronic Devices and Circuits Lab	2
	EE2823	Electrical Network Analysis	1
	EE2821	Electrical Network Analysis Lab	2
	EEME2043	Thermodynamics	1
	EEMT2033	Applied Mathematics III	1
	Section: Theory EA+EB ----- Lab EA1+EA2+EB		
Semester 5	EE3323	Microprocessor Based System	2
	EE3331	Microprocessor Based System Lab	3
	EE3523	Electromagnetic Field Theory	2
	EEET3703	Industrial Process Control	2
	EEET3701	Industrial Process Control Lab	3
	EE3533	Communication Systems	2
	EE3531	Communication Systems Lab	3
	EEMT3043	Complex Variables & Transforms	2
Section: Theory EA+EB ----- Lab EA1+EA2+EB1			

Semester 7	Course Code	Course Title	No. of Sections	Specialization
	EECS4253	Introduction to IoT	1	Computing Engineering
	EECS4251	Introduction to IoT Lab	1	
	EEN4113	Electrical Power Transmission	1	Power Engineering
	EEN4111	Electrical Power Transmission Lab	2	
	EEN4102	Design Project-I	2	Common Courses for Both Electives
	EEN4143	Microcontroller Based Design	2	
	EEN4141	Microcontroller Based Design Lab	3	
	HUN4133	Communication Skills	2	
	MGT4123	Entrepreneurship	2	