

B. Sc. Electrical Engineering

(Semester Fall-2026)

Semester 1	Section: Theory A----- Lab A			
	Course Code	Course Title	Credit Hours	Sections
	ICT 101	Applications of Information and Communication Technologies	2	1
	ICTL 101	Applications of Information and Communication Technologies Lab	1	1
	EEMT1013	Applied Mathematics I	3	1
	EE1112	Applied Physics	2	1
	EE1111	Applied Physics Lab	1	1
	ENG 110	Functional English	3	1
	PAK102	Ideology & Constitution of Pakistan	2	1
	EE1021	Electrical Workshop Practice	1	1
Semester 3	Course Code	Course Title	Credit Hours	Sections
	EECS2223	Data Structures and Algorithms	3	1
	EECS2221	Data Structures and Algorithms Lab	1	1
	EE2323	Electronic Devices and Circuits	3	1
	EE2321	Electronic Devices and Circuits Lab	1	1
	EE2823	Electrical Network Analysis	3	1
	EE2821	Electrical Network Analysis Lab	1	1
	EEHU2072	Communication and Presentation Skills	2	1
	EEMT2033	Applied Mathematics III	3	1
Semester 5	Course Code	Course Title	Credit Hours	Sections
	EE3343	Microprocessors and Interfacing	3	1
	EE3341	Microprocessors and Interfacing Lab	1	1
	EE3513	Electromagnetic Field Theory	3	1
	EEPE3843	Power Distribution and Utilization	3	1
	EEPE3841	Power Distribution and Utilization Lab	1	1
	EE3533	Communication Systems	3	1
	EE3531	Communication Systems Lab	1	1
	EEMT3013	Numerical Analysis	3	1

Semester 7	Course Code	Course Title	Credit Hours	Sections
	EEN4143	Microcontroller Based Design	3	1
	EEN4141	Microcontroller Based Design Lab	1	1
	PEN4113	Power Transmission & Distribution	3	1
	PEN4111	Power Transmission & Distribution Lab	1	1
	EEMG4033	Entrepreneurship	3	1
	EEMT4053	Probability Methods for Engineers	3	1
	EE4912	Design Project I	2	1