

Course Offering
Semester: Spring 2026
Program: BS Electrical Engineering

S.#	Code	Course Title	Status	No of Sections	Pre-Req.	Co-Req.	Semester
1.	EEG1012	Islamic Studies/Ethics	General	1	Nil	Nil	2
2.	MTEE1033	Linear Algebra	Natural Sciences (F)	1	EEG1513	Nil	2
3.	MTEE1043	Applied Differential Equations	Natural Sciences	1	EEG1513	Nil	2
4.	CSEE1123	Computer Programming	Comp. & Info Sciences	1	EEG1612	CSEE1121	2
5.	CSEE1121	Computer Programming Lab	Comp. & Info Sciences	1	EEG1611	CSEE1123	2
6.	EE1213	Circuit Analysis	EE Foundation	1	EEG1312	EE1211	2
7.	EE1211	Circuit Analysis Lab	EE Foundation	1	EEG1311	EE1213	2
8.	EE1021	Workshop Practice	EE Foundation	1	Nil	Nil	2
9.	HMEE1071	Occupational Health and Safety	MDEE - I	1	Nil	Nil	2
10.	EEG2523	Probability and Statistics	General	1	EEG1513	Nil	4
11.	EE2313	Digital Logic Design	EE Foundation	1	Nil	EE2311	4
12.	EE2311	Digital Logic Design Lab	EE Foundation	1	Nil	EE2313	4
13.	EE3283	Electrical Machines	EE Core	1	EE2253	EE3281	4
14.	EE3281	Electrical Machines Lab	EE Core	1	EE2253	EE3283	4

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15.	EE2223	Basic Electronics	EE Foundation	1	EE1213	EE2221	4
16.	EE2221	Basic Electronics Lab	EE Foundation	1	EE1211	EE2223	4
17.	EEG2812	Civics and Professional Ethics	General	1	Nil	Nil	4
18.	EEG1022	Ideology and Constitution of Pakistan	General	1	Nil	Nil	6
19.	EE3123	Power Distribution and Utilization	EE Core	1	EE2253	EE3121	6
20.	EE3121	Power Distribution and Utilization Lab	EE Core	1	EE2253	EE3123	6
21.	EE4693	Artificial Intelligence	EE Core	1	EEG2523	EE4691	6
22.	EE4691	Artificial Intelligence Lab	EE Core	1	EEG2523	EE4693	6
23.	EE4193	Power System Analysis and Protection	EE Core	1	EE2253	EE4191	6 and 8
24.	EE4191	Power System Analysis and Protection Lab	EE Core	3	EE2253	EE4193	6 and 8
25.	EE4293	Power Electronics	EE Core	1	EE2223 EE2253	EE4291	6 and 8
26.	EE4291	Power Electronics Lab	EE Core	3	EE2221 EE2253	EE4293	6 and 8
27.	EE4912	Design Project Part I	EE Core	1	90 Cr. Hrs	Nil	8
28.	EE4000	Internship	Core	1	90 Cr. Hrs & with No Registration in Current Semester	Nil	6 and 8
29.	EE4924	Design Project Part-II	EE Core	1	EE4912	Nil	8
30.	HMEE3063	Sociology for Engineers	Humanities	1	Nil	Nil	8