

Course Offering
Semester: Fall 2026
Program: BS Electrical Engineering

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
1.	EEG1113	Functional English	Humanities	1	Nil	Nil	1
2.	EEG1513	Calculus and Analytical Geometry	Natural Sciences	1	Nil	Nil	1
3.	EEG1312	Applied Physics	Natural Sciences	1	Nil	EEG1311	1
4.	EEG1311	Applied Physics Lab	Natural Sciences	3	Nil	EEG1312	1
5.	EEG1612	Applications of Information and Communication Technologies	Humanities	1	Nil	EEG1611	1
6.	EEG1611	Applications of Information and Communication Technologies Lab	Humanities	1	Nil	EEG1612	1
7.	EE1011	Engineering Drawing (CAD)	Flexible Engineering	1	Nil	Nil	1
8.	EEG1012	Islamic Studies/Ethics	Humanities	1	Nil	Nil	1
9.	EG1500	Mathematics	Deficiency	1	Nil	Nil	1
10.	EEG1212	Personal Grooming	Humanities	1	Nil	Nil	3
11.	EEG1021	Fehm-ul-Quran I	Humanities	1	Nil	Nil	3

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
12.	EEG2712	Entrepreneurship	Management Sciences	1	Nil	Nil	3
13.	EEG1123	Expository Writing	Humanities	1	Nil	Nil	3
14.	MTEE2053	Complex Variables and Transforms	Natural Sciences	1	EEG1513	Nil	3
15.	EE2253	Electrical Network Analysis	EE Foundation	1	EE1213	Nil	3
16.	EE2223	Basic Electronics	EE Foundation	1	EE1213	EE2211	3
17.	EE2221	Basic Electronics Lab	EE Foundation	1	EE1211	EE2213	3
18.	EE3323	Microprocessor and Computer Architecture	EE Foundation	1	EE2313	EE3321	5
19.	EE3321	Microprocessor and Computer Architecture Lab	EE Foundation	1	EE2311	EE3323	5
20.	EE2613	Signals and Systems	EE Foundation	1	MTEE2053 MCPE2053	EE2611	5
21.	EE2611	Signals and Systems Lab	EE Foundation	1	MTEE2053 MCPE2053	EE2613	5
22.	EE2513	Electromagnetic Fields and Waves	EE Core	1	MTEE1043 MCPE2043	Nil	5
23.	MGTE4062	Project Management	Management Elective	1	Nil	Nil	5
24.	EE2233	Electronic Circuit Design	EE Core	1	EE2223	EE2231	5
25.	EE2231	Electronic Circuit Design Lab	EE Core	1	EE2221	EE2233	5

Sr.	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester
26.	EE4693	Artificial Intelligence	EE Core	1	EEG2523	EE4691	7
27.	EE4691	Artificial Intelligence Lab	EE Core	1	EEG2523	EE4693	7
28.	EE4912	Design Project Part I	EE Core	1	90 Cr. Hrs	Nil	7
29.	EE4273	ASIC Design and FPGA	EE Core	1	EE2313	EE4271	7
30.	EE4271	ASIC Design and FPGA Lab	EE Core	2	EE2311	EE4273	7
31.	EE3263	Instrumentation and Measurements	EE Core	1	EE2233	EE3261	7
32.	EE3261	Instrumentation and Measurements Lab	EE Core	1	EE2231	EE3263	7
33.	MEEE3023	Basic Mechanical Engineering	MDEE	1	Nil	MEEE3021	7
34.	MEEE3021	Basic Mechanical Engineering Lab	MDEE	1	Nil	MEEE3023	7
35.	EE4000	Internship	Core	1	90 Cr. Hrs & with No Registration in Current Semester	Nil	-
36.	EE4924	Design Project Part-II	EE Core	1	EE4912	Nil	8