

Course Offering
Semester: Fall 2020
Department: Electrical Engineering

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Remarks
1.	HMEE1013	English I	English	1	Nil	Nil	1	Click here to enter text.
2.	MTEE1013	Calculus and Analytical Geometry	Required	1	Nil	Nil	1	Click here to enter text.
3.	PHEE1013	Applied Physics	Required	1	Nil	PHEE1011	1	Click here to enter text.
4.	PHEE1011	Applied Physics Lab	Required	1	Nil	PHEE1013	1	Click here to enter text.
5.	CSEE1101	Introduction to Computing	Required	1	Nil	CSEE1111	1	Click here to enter text.
6.	CSEE1111	Introduction to Computing Lab	Required	1	Nil	CSEE1112	1	Click here to enter text.
7.	EE1011	Engineering Drawing (CAD)	Core	1	Nil	Nil	1	Click here to enter text.
8.	HMEE1002	Pakistan Studies	Required	1	Nil	Nil	1	Click here to enter text.
9.	MTEE2053	Complex Variables and Transforms	Required	1	MTEE1043	Nil	3	Click here to enter text.
10.	CSEE2123	OOP and Data Structures	Required	1	CSEE1122	Nil	3	Click here to enter text.
11.	CSEE2121	OOP and Data Structures Lab	Required	1	Nil	CSEE1133	3	Click here to enter text.
12.	EE2223	Basic Electronics	Core	1	EE1213	EE2221	3	Click here to enter text.
13.	EE2221	Basic Electronics Lab	Core	1	EE1211	EE2223	3	Click here to enter text.
14.	EE2253	Electrical Network Analysis	Elective	1	EE1213	Nil	3	Click here to enter text.
15.	EE2313	Digital Logic Design	Core	1	Nil	EE2311	3	Click here to enter text.
16.	EE2311	Digital Logic Design Lab	Core	1	Nil	EE2313	3	Click here to enter text.
17.	MEEE1113	Applied Thermodynamics	IDEE	1	Nil	Nil	5	Click here to enter text.
18.	HMEE3063	Sociology for Engineers	Core	1	Nil	Nil	5	Click here to enter text.
19.	HMEE3133	Professional Ethics	Core	1	Nil	Nil	5	Click here to enter text.

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20.	MEEE2023	Applied Mechanics	Elective	1	Nil	MEEE3021	5	Click here to enter text.
21.	MEEE2021	Applied Mechanics Lab	Elective	1	Nil	MEEE3023	5	Click here to enter text.
22.	EE3711	Communication Systems Lab	Core	2	EE2611	EE3713	5	Click here to enter text.
23.	EE3713	Communication Systems	Core	2	EE2613	EE3711	5	Click here to enter text.
24.	EE2513	Electromagnetic Fields & Waves	Core	1	MTEE1043	Nil	5	Click here to enter text.
25.	EE3283	Electrical Machines	Core	1	EE2253	EE3281	5	Click here to enter text.
26.	EE3281	Electrical Machines Lab	Core	3	EE2253	EE3283	5	Click here to enter text.
27.	EE4913	Design Project Part I	Core	1	90 Cr. Hrs	Nil	7	Click here to enter text.
28.	MGTE4113	Leadership	Elective	1	Nil	Nil	7	Click here to enter text.
29.	MGTE4063	Project Management	Elective	1	Nil	Nil	7	Click here to enter text.
30.	EE3113	Power System Analysis	Elective	1	EE3283	EE3111	7	Click here to enter text.
31.	EE3111	Power System Analysis Lab	Elective	5	EE3281	EE3113	7	Click here to enter text.
32.	INT4000	Internship	Core	1	90 Cr. Hrs	Nil	7	Click here to enter text.
33.	EE4123	Electrical Power Transmission	Elective	1	EE3103	EE4121	7	Click here to enter text.
34.	EE4121	Electrical Power Transmission Lab	Elective	5	EE3101	EE4123	7	Click here to enter text.
35.	EE4183	High Voltage Engineering	Elective	1	EE3103	Nil	7	Click here to enter text.
36.	EE4623	Digital Signal Processing	Elective	1	EE2613	EE4621	7	Click here to enter text.
37.	EE4621	Digital Signal Processing Lab	Elective	1	EE2611	EE4623	7	Click here to enter text.
38.	EE4273	ASIC Design & FPGA	Elective	1	EE3323	EE4271	7	Click here to enter text.
39.	EE4271	ASIC Design & FPGA Lab	Elective	1	EE3321	EE4273	7	Click here to enter text.
40.	EE4263	Industrial Electronics	Elective	1	EE2223	Nil	7	Click here to enter text.
41.	EE4923	Design Project Part-II	Core	1	EE4913	Nil	7	Click here to enter text.