

Campus:	Main campus
Faculty:	Faculty of Electrical Engineering
Department:	Electrical
Director Undergraduate studies	Dr. Syed Abdul Rahman Kashif

Noe: Mapping can be done by matching the keywords or statement parts of each CLO (or course description) with SDGs. Please see the additional sheets for more details. In following table, we only need Course-SDGs mapping for all the courses.

Courses and SDGs mapping																			
Sr #	Code	Course	SDG 1	SDG 2	SDG 3	SDG 4	SDG 5	SDG 6	SDG 7	SDG 8	SDG 9	SDG 10	SDG 11	SDG 12	SDG 13	SDG 14	SDG 15	SDG 16	SDG 17
			No Poverty	Zero Hunger	Good Health and Well-being	Quality Education	Gender Equality	Clean Water and Sanitation	Affordable and Clean Energy	Decent Work and Economic Growth	Industry, Innovation and Infrastructure	Reduced Inequality	Sustainable Cities and Communities	Responsible Consumption and Production	Climate Action	Life Below Water	Life on Land	Peace & Justice Strong Institutions	Partnerships to achieve SDGs
1	PHY-123	Mechanics and Wave Motion									Yes						Yes		
2	ME-238	Thermodynamics							Yes		Yes								
3	IS-101	Islamic & Pakistan Studies-I/Ethics	Yes		Yes													Yes	
4	MA-123	Calculus									Yes		Yes	Yes					
5	EE-132	Introduction to Computing & Data Science				Yes													
6	HU-111	Communication Skills				Yes				Yes								Yes	
7	PHY-132	Electricity and Magnetism									Yes		Yes	Yes					
8	MA-224	Multivariate Calculus									Yes		Yes	Yes					
9	EE-100	Electric Circuits				Yes													
10	EE-133	Programming Fundamentals				Yes													
11	EE-101	Electrical and Electronics Workshop				Yes				Yes	Yes								
12	MA-229	Ordinary Differential Equations				Yes					Yes		Yes	Yes					
13	QT-101	Translation of the Holy Quran-I	Yes		Yes					Yes				Yes				Yes	
14	EE-110	Circuit Analysis & Design				Yes					Yes								
15	EE-250	Electric Machinery Fundamentals				Yes					Yes			Yes					
16	HU-221	Technical Writing & Presentation Skills				Yes	Yes			Yes	Yes	Yes						Yes	
17	MA-234	Linear Algebra				Yes					Yes								
18	EE-233	Discrete Mathematics				Yes					Yes								
19	ME-100L	Workshop Practice				Yes				Yes	Yes								
20	EE-216	Electronic Devices and Circuits				Yes					Yes			Yes					
21	EE-220	Signals and Systems				Yes					Yes								
22	EE-302	Digital Systems	Yes			Yes	Yes				Yes								
23	EE-234	Applied Probability				Yes					Yes								
24	EE-234	Data Structures and Algorithms				Yes													
25	HU-100	International Language				Yes							Yes					Yes	
26	QT-201	Translation of the Holy Quran-II	Yes		Yes					Yes				Yes				Yes	
27	EE-273	Microprocessor Systems				Yes					Yes								
28	EE-356	Power Transmission, Distribution and Utilization				Yes			Yes		Yes						Yes		
0	EE-322	Analog and Digital Communications				Yes					Yes		Yes						
30	EE-384	Electromagnetics and Its Applications			Yes	Yes					Yes						Yes		
31	MGT-211	Principles of Management					Yes			Yes	Yes	Yes		Yes					
32	EE-312	Power Electronics				Yes			Yes	Yes	Yes		Yes	Yes					

33	EE-439	Introduction to Machine Learning				Yes				Yes								
34	EE-451	Power System Analysis and Design						Yes		Yes								
35	EE-384	Digital Signal Processing				Yes	Yes			Yes								
36	EE-452	Renewable Electrical Energy Systems						Yes	Yes	Yes		Yes	Yes	Yes				
37	EE-475	Computer Architecture				Yes				Yes								
38	EE-486	Microwave and Antenna Engineering*				Yes				Yes								
39	EE-340	Control Systems				Yes				Yes								
40	MGT-428	Professional Ethics			Yes	Yes	Yes		Yes		Yes							Yes
41	QT-301	Translation of the Holy Quran-III	Yes		Yes				Yes			Yes					Yes	
42	EE-453	Power System Operation and Control				Yes		Yes		Yes		Yes						
43	EE-432	Computer Networks																
44	EE-454	Power System Protection				Yes		Yes		Yes								
45	EE-476	Introduction to VLSI Systems				Yes			Yes	Yes								
46	IS-201	Islamic and Pakistan Studies II/Ethics	Yes		Yes				Yes								Yes	
47	MGT-411	Project Managemet					Yes		Yes	Yes	Yes	Yes						
48	EE-499a	Project (Phase-1)																
49	EE-450	High Voltage Engineering				Yes		Yes		Yes								
50	EE-431	Operating System																
51	EE-411	Industrial Control Systems				Yes				Yes								
52	EE-419	Electrical Instruments and Measurements				Yes				Yes								
53	EE-456	Introduction to Smart Grids				Yes		Yes		Yes		Yes		Yes				
54	EE-425	Wireless Communication			Yes	Yes				Yes		Yes						
55	EE-414	Integrated Electronic Circuits				Yes				Yes		Yes						
56	MGT-413	Entrepreneurship					Yes		Yes	Yes	Yes	Yes		Yes				Yes
57	EE-499b	Project (Phase-II)			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes
58	QT-401	Translation of the Holy Quran-IV	Yes		Yes				Yes			Yes					Yes	