Campus:	Main campus
Faculty:	Faculty of Civil Engineering
Department:	Institute of Environmental Engineering and Research
OBE coordinator	Dr. Muhammad Irfan Jalees

Noe: Mapping can be done by matching the keywords or statement parts of each CLO (or course discription) 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 manni	ng									
			SDG 1	SDG 2	SDG 3	SDG 4	SDG 5	SDG 6	SDG 7		SDG 9	SDG 12	SDG 13	SDG 14	SDG 15	SDG 16	SDG 17		
Sr#	Code	Course	No Poverty	Zero Hunger	Good Health and Well-	Quality Education	Gender Equality	Clean Water and Sanitation	Affordable and Clean Energy	Decent Work and Economic	Industry, Innovation and	Reduced Inequality	Sustainable Cities and Communities	Responsible Consumption and	Climate Action	Life Below Water	Life on Land	Peace & Justice Strong	Partnerships to achieve SDGs
					being					Growth	Infrastructure			Production				Institutions	
1	HU-111L	Communication Skills				yes													
2	IS-101	I & P Studies/ E& P Studies-I										yes							
3	CE-101	Elementary Surveying									yes		yes		yes				
4	CE-101L	Elementary Surveying									yes		yes	yes	yes		yes		
5	EnE-101	Introduction to Environmental Engineering												yes			yes		
6	PHY-112	Applied Physics																	
7	PHY-112L	Applied Physics																	
8	MA-115	Engineering Mathematics																	
9	CS-101	Computing Fundamentals																	
10	CS-101L	Computing Fundamentals																	
11	EnE-104	Environmental Chemistry																	
12	EnE-104L	Environmental Chemistry																	
13	ME-100L	Workshop Practice																	
14	MA-116	Linear Algebra and Differential Equations																	
15	EnE-105	Ecological Management												yes					
16	EnE-103	Environmental Laws & Policies																yes	yes
17	QT-101	Translation of Holy Quran-I										yes							
18	IS-201	I & P Studies/ E & P Studies-II										yes							
19	EnE-201	Environmental Microbiology															yes		
20	EnE-201L	Environmental Microbiology															yes		
21	CE-232	Fluid Mechanics						yes					yes				yes		
22	CE-232L	Fluid Mechanics						yes											
23	CE-235	Soil Mechanics									yes			yes	yes				
24	CE-235L	Soil Mechanics									yes			yes	yes				
25	MA-242	Engineering Statistics																	
26	QT-201	Translation of Holy Quran-II										yes							
27	HU-221	Technical Writing and Presentation Skills				yes													
28	ChE-252	Environmental Health and Safety			yes														
29	ME-238	Thermodynamics																	

30	ME-238L	Thermodynamics											ĺ			
31	CE-240	Engineering drawings and CAD						yes		yes						
32	CE-240L	Engineering drawings and CAD						yes	yes							
33	CE-210	Structural Systems						yes		yes						
34	CS-260	Programming fundamentals														
35	CS-260L	Programming fundamentals														
36	CRP-301	Sustainable urban Planning								yes						
37	EnE-331	Water Supply and Wastewater Engineering				yes				yes						
38	EnE-331L	Water Supply and Wastewater Engineering				yes				yes						
39	EnE-312	Environmental Economics														
40	EnE-323	Solid Waste Management					yes			yes						
41	EnE-323L	Solid Waste Management					yes			yes						
42	EnE-325	Environmental Engineering Lab Techniques														
43	EnE-325L	Environmental Engineering Lab Techniques														
44	CE-333	Engineering Hydrology				yes		yes								
45	CE-333L	Engineering Hydrology				yes		yes								
46	QT-301	Translation of Holy Quran-III							yes							
47	EnE-326	Environmental Impact Assessment and Management						yes		yes	yes	yes		yes		
48	EnE-335	Principles of Water and Wastewater Treatment		yes		yes		yes		yes						
49	EnE-335L	Principles of Water and Wastewater Treatment		yes		yes		yes		yes						
50	ChE-320	Cleaner Production Techniques						yes			yes					
51	CE-345	Water Resources & Irrigation Engineering				yes						yes				
52	CE-346	Project Management and Construction Supervision						yes								
53	MA-346	Numerical Methods														
54	EnE-431	Air Pollution Control and Climate Change		yes				yes				yes				
55	EnE-431L	Air Pollution Control and Climate Change		yes				yes				yes				
56	EnE-432	Environmental Modeling				yes							yes			
57	EnE-432L	Environmental Modeling				yes							yes			
58	CRP-412	GIS and Remote Sensing														
59	CRP-412L	GIS and Remote Sensing														
60	ME-481	Energy Resources & Management					yes					yes				
61	EnE-404	Ethics and Interpersonal Skills							yes							
62	EnE-404L	Ethics and Interpersonal Skills							yes						yes	
63	QT-401	Translation of Holy Quran-IV							yes							
64	EnE-499	Final Year Project-I														
65	EnE-434	Water and Wastewater Treatment Plant Design		yes		yes		yes		yes						

66	EnE-434L	Water and Wastewater Treatment Plant Design		yes		yes		yes	yes				
67	EnE-433	Industrial and Hazardous Waste Management						yes					
68	EnE-426	Wastewater Disposal and Reuse				yes			yes		yes		
69	MGT-413	Entrepreneurship			yes		yes						
70		Community Service			yes								
71	EnE-499	Final Year Project-II											