

Course Offering
Semester: Fall 2024
Program: Civil Engineering

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Remarks
1.	CEG1513	Calculus and Analytical Geometry	Required	2	Nil	Nil	1	
2.	CEG1022	Ideology and Constitution of Pakistan	Required	2	Nil	Nil	1	
3.	CEG1212	Personal Grooming	Required	2	Nil	Nil	1	
4.	CEG1412	Sociology	Required	2	Nil	Nil	1	
5.	CE1312	Geology	Core	2	Nil	Nil	1	
6.	CE1412	Civil Engineering Materials	Core	2	Nil	Nil	1	
7.	CE1011	Engineering Drawing	Core	2	Nil	Nil	1	
8.	CE1012	Engineering Drawing Lab	Core	3	Nil	CE1011	1	
9.	CE1411	Civil Engineering Materials Lab	Core	3	Nil	CE1412	1	
10.	MTCE2063	Linear Algebra and Numerical Analysis	Required	1	Nil	Nil	3	
11.	CE2223	Mechanics of Solids	Core	1	CEG1312	Nil	3	
12.	CEG1012	Islamic Studies/Ethics	Required	1	Nil	Nil	3	
13.	CEG1010	Taleem ul Quran	Required	1	Nil	Nil	3	
14.	CE2512	Fluid Mechanics	Core	1	Nil	Nil	3	
15.	CE2122	Advanced Engineering Surveying	Core	1	CE1112	Nil	3	
16.	MECE2011	Basic Mechanical Engineering	Required	1	Nil	Nil	3	
17.	CE2221	Mechanics of Solids Lab	Core	2	Nil	CE2223	3	

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18.	CE2511	Fluid Mechanics Lab	Core	2	Nil	CE2512	3	
19.	CE2121	Advanced Engineering Surveying Lab	Core	2	Nil	CE2122	3	
20.	MECE2091	Basic Mechanical Engineering Lab	Required	2	Nil	MECE2011	3	
21.	MTCE3072	Probability and Statistics	Required	2	Nil	Nil	5	
22.	CE3131	Geo Informatics	Core	2	CE2122	Nil	5	
23.	CE3713	Environmental Engineering-I	Core	2	Nil	Nil	5	
24.	CE3433	Structural Analysis-II	Core	2	CE2423	Nil	5	
25.	CE3323	Soil Mechanics	Core	2	Nil	Nil	5	
26.	CE3443	Plain and Reinforced Concrete-I	Core	2	Nil	Nil	5	
27.	CE3321	Soil Mechanics Lab	Core	3	Nil	CE3323	5	
28.	CE3441	Plain and Reinforced Concrete-I Lab	Core	3	Nil	CE3443	5	
29.	CE3191	Geo Informatics Lab	Core	3	Nil	CE3131	5	
30.	ARCE4823	Architecture and Town Planning	Core	2	Nil	Nil	7	
31.	CE4461	Earthquake-resistant Design of Concrete Structures	Core	2	CE3453	Nil	7	
32.	CE4623	Highway and Traffic Engineering	Core	2	Nil	Nil	7	
33.	CE4831	Hazards and Disaster Management	Core	2	Nil	Nil	7	
34.	CE4833	Construction Management	Core	2	Nil	Nil	7	
35.	CE4491	Earthquake-resistant Design of Concrete Structures lab	Core	3	Nil	CE4461	7	
36.	CE4621	Highway and Traffic	Core	3	Nil	CE4623	7	

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		Engineering Lab						
37.	CE4912	Design Project (Part-I)	Core	1	90 Cr. Hrs.	Nil	7	
38.	CE6323	Computer Aided Analysis and Design of Structures	Core	1	-	-	Any	
39.	CE5393	Properties of Concrete and its Constituents	Core	1	-	-	Any	
40.	CE5823	Advanced Project Management for Construction Projects	Core	1	-	-	Any	
41.	CE6613	Pavement Evaluation and Rehabilitation	Core	1	-	-	Any	