



Department of Civil Engineering
Course Offer of Fall 2023_Day (193-233)

Level-Term	Batch	Course Code	Course Title	Type	Cr. Hrs.	Total Cr. Hrs
L4-T2	193 [17 +12 St.]	CE 415	Design of Steel Structure	T	3	10.5
		CE 444	Environmental Engineering II Lab	L	1.5	
		CE 400	Project and Thesis		1.5	
		CE 412	Finite Element Method	T	3	
		CE 422	Water Resource Engineering II Lab	L	1.5	

L4-T2	DB-201 (A & B) [34 + 33 St.]	GED 300	Employability 360	L	1	16
		CE 400	Capstone Design Project / Thesis		2	
		CE 417	Design of Steel Structure	T	3	
		CE 447	Climate Change and Sustainable Development	T	3	
			Technical Electives 3 (Major)	T	3	
			Technical Electives 4 (Minor)	T	3	
		CE 415	Pre-Stressed Concrete	T		
		CE 433	Earth Retaining Structures Problems	T		
		CE 445	Environmental Impact Assessment	T		
		CE 455	Traffic Engineering and Management	T		
			Technical Electives 5 Lab (Minor)	L	1	
		CE 410	Computer Aided Design Lab	L		
		CE 332	Geotechnical Engineering Lab II	L		
CE 344	Environmental Engineering Lab II	L				
CE 452	Transportation Engineering Lab II	L				

L4-T1	DB-203 [17 St.]	CE 404	Industrial Training II	L	1	18
		CE 411	Structural Analysis and Design II	T	3	
		CE 412	Structural Analysis and Design Lab II	L	1	
		CE 421	Water Resources Engineering II	T	3	
		CE 422	Water Resources Engineering Lab II	L	1	
		CE 451	Transportation Engineering II	T	3	
		CE 400	Capstone Design Project / Thesis		2	
			Technical Electives 1 (Major/Minor)	T	3	
		CE 453	Highway Drainage and Airports	T		
			Technical Electives 2 Lab (Major)	L	1	
		CE 410	Computer Aided Design Lab	L		

L3-T2	BN-211 [18 St.]	CE 352	Highway Materials and Traffic Engineering Lab	L	1.5	18
		CE 315	Design of Concrete Structures II	T	3	
		CE 317	Analysis of Indeterminate Structures	T	3	
		CE 321	Open Channel Flow	T	3	
		CE 203	Engineering Geology and Geomorphology	T	3	
		CE 343	Wastewater Engineering	T	3	
		CE 300	Geographic Information System (GIS) Lab	L	1.5	

L3-T1	BN-213 (24 St.)	CE 311	Structural Analysis	T	3	18
		CE 313	Design of Concrete Structure I	T	3	
		CE 331	Principles of Soil Mechanics	T	3	
		CE 341	Water Supply Engineering	T	3	
		CE 351	Transportation Planning and Traffic Engineering	T	3	
		CE 332	Soil Mechanics Sessional	L	1.5	
		CE 342	Water Quality Lab	L	1.5	
L2-T2	BN-221 [50+52St.]	CE 207	Mechanics of Solids II	T	3	19
		CE 209	Fluid Mechanics	T	3	
		CSE 201	Numerical Methods and Computer Programming	T	3	
		MAT 203	Engineering Mathematics for Civil Engineers	T	3	
		CE 207	Art of Living & Engineering Ethics	T	3	
		CE 204	Quantity Surveying Sessional	L	1	
		CE 206	Structural Mechanics and Materials Lab	L	1.5	
		CE 208	Fluid Mechanics Lab	L	1.5	
L2-T1	BN-223 [50+ 52 St.]	CE 201	Engineering Materials	T	3	18.5
		CE 203	Engineering Geology and Geomorphology	T	3	
		CE 205	Mechanics of Solids I	T	3	
		MAT 201	Vector Analysis and Statistics	T	3	
		CE 104	Practical Surveying Lab	L	1.5	
		CE 200	Details of Construction Sessional	L	1	
		CE 202	Engineering Materials Lab	L	1.5	
		CSE 200	Computer Programming Lab	L	1.5	
		ENG 102	English Lab II	L	1	
L1-T2	BN-231 [54+ 52St.]	CE 103	Surveying	T	3	18.5
		EEE 101	Basic Electrical Technology	T	2	
		HUM 101	History of Emergence of Bangladesh	T	2	
		MAT 103	Coordinate Geometry and Matrices	T	3	
		PHY 103	Structure of Matter, Electricity and Magnetism and Modern Physics	T	3	
		SOS 101	Engineering Economics & Accounting	T	2	
		CE 100	Computer Aided Drafting	L	1.5	
		PHY 102	Physics Lab	L	1	
		ENG 100	English Lab I	L	1	
L1-T1	BN-233 [50+ 50 St.]	BAN 101	Functional Bangla for Engineers	T	2	16.5
		CE 101	Engineering Mechanics	T	3	
		CHE 101	Chemistry	T	3	
		ENG 100	English I	L	1	
		MAT 101	Differential and Integral Calculus	T	3	
		PHY 101	Physical Optics, Waves and Oscillation, Heat and Thermodynamics	T	3	
		CHE 102	Chemistry Lab	L	1	
		CSE 100	Computer Fundamentals Lab	L	0.5	