



Course Offer of Fall 2025_Day
Department of Civil Engineering
Faculty of Engineering, Daffodil International University



Level-Term	Batch	Course Code	Course Title	Type	Cr. Hrs.	Total Cr. Hrs
L4-T2	BN-221 [40+41St.]	CE 401	Project Planning and Construction Management	T	3	17
		CE 421	Hydrology, Irrigation and Flood Management	T	3	
		CE 400	Capstone Project (Part 2)	P	2	
		CE 412	Steel Structures Design Sessional	L	1.5	
		CE ***	Technical Electives 2 (Major)	T	3	
		CE 413	Introduction to Steel Concrete Composite Structures	T	3	
		CE 431	Elementary Soil Dynamics	T	3	
		CE 443	Solid and Hazardous Waste Management	T	3	
		CE 455	Traffic Engineering and Management	T	3	
		CE ***	Technical Electives 1 (Minor)	T	3	
		CE 413	Introduction to Steel Concrete Composite Structures	T	3	
		CE 431	Elementary Soil Dynamics	T	3	
		CE 443	Solid and Hazardous Waste Management	T	3	
		CE 455	Traffic Engineering and Management	T	3	
		CE ***	Technical Electives Lab (Minor)	L	1.5	
		CE 418	Computer Aided Design Lab	L	1.5	
		CE 434	Foundation Design Sessional	L	1.5	
		CE 442	Environmental Engineering Design Sessional	L	1.5	
		CE 452	Pavement Design and Traffic Studies Sessional	L	1.5	

L4-T1	BN-222 [36+37St.]	CE 317	Analysis of Indeterminate Structures	T	3	18.5
		CE 411	Design of Steel Structure	T	3	
		CE 451	Pavement Design and Railway Engineering	T	3	
		CE 400	Capstone Project (Part 1)	P	2	
		CE 402	Industrial Training	P	1.5	
		CE 410	Building Design Sessional	L	1.5	
		CE ***	Technical Electives 1 (Major)	T	3	
		CE 415	Pre-Stressed Concrete	T	3	
		CE 433	Earth Retaining Structures	T	3	
		CE 447	Environmental Impact Assessment	T	3	
		CE 453	Highway Drainage and Airports	T	3	
		CE ***	Technical Electives Lab (Major)	L	1.5	
		CE 418	Computer Aided Design Lab	L	1.5	
		CE 434	Foundation Design Sessional	L	1.5	
		CE 442	Environmental Engineering Design Sessional	L	1.5	
		CE 452	Pavement Design and Traffic Studies Sessional	L	1.5	

L3-T2	BN-231 [44+ 40St.]	EMP 0031411	Employability	T	3	19.5
		CE 315	Design of Concrete Structures II	T	3	
		CE 321	Open Channel Flow	T	3	
		CE 333	Foundation Engineering	T	3	
		CE 343	Wastewater Engineering	T	3	
		CE 300	Geographic Information System (GIS) Lab	L	1.5	
		CE 314	Bridge Design Sessional	L	1.5	
		CE 322	Open Channel Flow Lab	L	1.5	



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L3-T1	BN-232 [37+ 40+ 42St.]	CE 311	Structural Analysis	T	3	19.5
		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 Lab	L	1.5	
		CE 342	Water Quality Lab	L	1.5	
		CE 352	Highway Materials and Traffic Engineering Lab	L	1.5	

L2-T2	BN-241 [44+ 37 St.]	AOL 0223111	Art of Living & Engineering Ethics	T	3	19
		CE 213	Mechanics of Solids II	T	3	
		CE 205	Fluid Mechanics	T	3	
		CE 203	Engineering Geology and Geomorphology	T	3	
		MAT 203	Engineering Mathematics for Civil Engineers	T	3	
		CE 208	Quantity Surveying Sessional	L	1	
		CE 212	Structural Mechanics and Materials Lab	L	1.5	
		CE 206	Fluid Mechanics Lab	L	1.5	

L2-T1	BN-242 [50+ 50+ 50St.]	CE 201	Engineering Materials	T	3	18.5
		CSE 201	Numerical Methods and Computer Programming	T	3	
		CE 211	Mechanics of Solids I	T	3	
		MAT 201	Vector Analysis and Statistics	T	3	
		CE 204	Practical Surveying Lab	L	1.5	
		CE 200	Details of Construction Sessional	L	1	
		CE 202	Engineering Materials Lab	L	1.5	
		CSE 202	Computer Programming Lab	L	1.5	
		ENG 200	Professional English III	L	1	

L1-T2	BN-251 [50+ 50St.]	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 and Accounting	T	2	
		CE 100	Computer Aided Drafting	L	1.5	
		ENG 102	Professional English II	L	1	
		PHY 102	Physics Lab	L	1	

L1-T1	BN-253 [50 +50 +50 +50St.]	BAN 101	Functional Bangla for Engineers	T	2	16.5
		CE 101	Engineering Mechanics	T	3	
		CHE 101	Chemistry	T	3	
		ENG 100	Professional 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	