



**Department of Civil Engineering**  
**Course Offer of Spring 2023\_Day (201-231)**

Batch	Course Code	Course Title	Type	Cr. Hrs.	Total Cr. Hrs
<b>DB-201 (A &amp; B) [ 34 + 33 St.]</b>	CSE 300	Robotics and Application	L	1	<b>20</b>
	CE 314	Design of Concrete Structure Lab I	L	1	
	CE 404	Industrial Training II	L	1	
	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	
		<b>Technical Electives 1 (Major)</b>	<b>T</b>	<b>3</b>	
	CE 413	Structural Analysis and Design III	T		
	CE 431	Introduction to Soil Dynamics	T		
	CE 441	Solid and Hazardous Waste Management	T		
	CE 453	Highway Drainage and Airports	T		
		<b>Technical Electives 2 Lab (Major)</b>	<b>L</b>	<b>1</b>	
	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			

<b>DB-203 [17 St.]</b>	CE 104	Practical Surveying Lab	L	1	<b>18</b>
	CE 106	Workshop Lab	L	1	
	CE 301	Project Management and Professional Practice	T	3	
	CE 302	Project Management and Professional Practice Lab	L	1	
	CE 314	Design of Concrete Structure Lab I	L	1	
	CE 315	Design of Concrete Structures II	T	3	
	CE 343	Environmental Engineering II	T	3	
	CE 351	Transportation Engineering I	T	3	
	CE 402	Industrial Training I	L	1	
	CE 352	Transportation Engineering Lab I	L	1	

<b>BN-211 [18 St.]</b>	CE 204	Quantity Surveying Sessional	L	1	<b>19</b>
	CE 311	Structural Analysis	T	3	
	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	

<b>BN-213 (24 St.)</b>	CE 200	Details of Construction Sessional	L	1	<b>18</b>
	ENG 102	English Lab II	L	1	
	CE 207	Mechanics of Solids II	T	3	
	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 204	Quantity Surveying Sessional	L	1	
	CE 206	Structural Mechanics and Materials Lab	L	1.5	
	CE 208	Fluid Mechanics Lab	L	1.5	

<b>BN-221 [50+52St.]</b>	CE 201	Engineering Materials	T	3	<b>18.5</b>
	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	

<b>BN-223 [ 50+ 35 St.]</b>	CE 103	Surveying	T	3	<b>18.5</b>
	EEE 101	Basic Electrical Technology	T	2	
	HUM 101	Bangladesh Studies	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	
	ENG 100	English Lab I	L	1	
	PHY 102	Physics Lab	L	1	

<b>BN-231 [ 50+ 50 St.] Expecting</b>	BAN 101	Functional Bangla for Engineers	T	2	<b>17.5</b>
	CE 101	Engineering Mechanics	T	3	
	CHE 101	Chemistry	T	3	
	ENG 101	English	T	2	
	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	



**Department of Civil Engineering**  
**Course Offer of Spring 2023\_Day (192-193)**

Day Batch	Course Code	Course Title	Cr. Hrs.	Total Cr. Hrs
<b>CC-192</b> <b>[12 St.]</b>	CE 401	Socio Economics of Development Project	2	<b>15.5</b>
	CE 441	Environmental Engineering II	3	
	CE 415	Design of Steel Structure	3	
	CE 444	Environmental Engineering II Lab	1.5	
	CE 400	Project and Thesis	1.5	
	CE 412	Finite Element Method	3	
	CE 422	Water Resource Engineering II Lab	1.5	

<b>DSC-192</b> <b>[11 St.]</b>	CE 401	Socio Economics of Development Project	2	<b>15.5</b>
	CE 441	Environmental Engineering II	3	
	CE 415	Design of Steel Structure	3	
	CE 444	Environmental Engineering II Lab	1.5	
	CE 400	Project and Thesis	1.5	
	CE 412	Finite Element Method	3	
	CE 422	Water Resource Engineering II Lab	1.5	

<b>CC-193</b> <b>[17 St.]</b>	CE 321	Water Resource Engineering I	3	<b>18</b>
	CE 441	Environmental Engineering II	3	
	CE 451	Transportation Engineering II: (Highway Design and Railway)	3	
	CE 452	Transportation Engineering II lab	1.5	
	CE 414	Prestressed Concrete	3	
	CE 443	Environmental Engineering III	3	
	CE 400	Project and Thesis	1.5	

<b>DSC-193</b> <b>[12 St.]</b>	CE 321	Water Resource Engineering I	3	<b>18</b>
	CE 441	Environmental Engineering II	3	
	CE 451	Transportation Engineering II: (Highway Design and Railway)	3	
	CE 452	Transportation Engineering II lab	1.5	
	CE 414	Prestressed Concrete	3	
	CE 443	Environmental Engineering III	3	
	CE 400	Project and Thesis	1.5	