



**Department of Civil Engineering
Course Offer of Spring 2025
B.Sc. in Civil Engineering (Evening)**

Regulation-2022

1st Year 3rd Semester (37th Batch – 3 Sections) 4 months				
SL. No.	Course Code	Course Title	Credits	Contact Hours/Week
1	CE 101	Analytic Mechanics	3	3
2	CHM 101	General Chemistry	3	3
3	PHY 103	Physics-II: Modern Physics	3	3
4	MTH 101	Math-I: Differential and Integral Calculus	3	3
5	PHY 102	Physics Lab	1	2
6	CHM 102	Chemistry Lab	1	2
Total Credit and Contact Hours (per week)			14	16

Regulation-2022

2nd year 1st Semester (36th Batch – 2 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 105	Engineering Materials	4	4
2	MTH103	Math-II: Linear Algebra, Matrix and Statistics	3	3
3	CE 108	Quantity Surveying	1	2
4	CE 211	Mechanics of Solids-I	3	3
5	ENG201	English	3	3
6	HUM201	History of Independence of Bangladesh	2	2
Total			16	17

Course Coordinator
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2 nd year 2 nd Semester (35 th Batch – 2 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 203	Engineering Geology and Geomorphology	3	3
2	CE 205	Numerical Methods	3	3
3	MTH205	Math-III: Differential Equations & Probability	3	3
4	CE 202	Engineering Materials Lab	1	2
5	CE 204	Computer Programming Sessional	1	2
6	CE 206	Computer Fundamentals	1	2
7	CE 213	Mechanics of Solids-II	3	3
Total			15.0	18.0

Regulation-2022

2 nd year 3 rd Semester (34 th Batch – 3 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 231	Principles of Soil Mechanics	4	4
2	CE 251	Fluid Mechanics	3	3
3	HUM205	Engineering Economics	2	2
4	MTH207	Math-IV: Applied Mathematics for Engineers	3	3
5	CE 212	Structural Mechanics and Materials Lab	1	2
6	CE252	Fluid Mechanics Lab	1	2
7	ENG202	Developing English Language Skills	1	2
Total			15	18.0

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3rd year 1st Semester (33rd Batch – 2 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 201	Professional Practice and Communication	3	3
2	CE 315	Structural Analysis-I	4	4
3	CE 331	Geotechnical Engineering-I	3	3
4	CE 300	Details of Construction Sessional	1	2
5	CE 351	Open Channel Flow	4	4
Total			15.0	16.0

Regulation-2022

3rd year 2nd Semester (32nd Batch – 2 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 311	Design of Concrete Structures-I	3	3
2	CE 321	Environmental Engineering-I	3	3
3	CE 322	Environmental Engineering Lab-I	1	2
4	CE 332	Geotechnical Engineering Lab	1	2
5	CE 317	Structural Analysis-II	3	3
6	CE 333	Geotechnical Engineering-II	3	3
7	CE 352	Open Channel Flow Lab	1	2
Total			15.0	18.0

Regulation-2022

3rd year 3rd Semester (31st Batch – 4 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 313	Design of Concrete Structures-II	3	3
2	CE 353	Hydrology	3	3
3	CE 312	Design of Concrete Structures Sessional-I	1	2
4	CE 323	Environmental Engineering-II	4	4
5	CE 341	Transportation Engineering-I	3	3
6				
Total			14	15.0

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4th Year 1st Semester (30th Batch – 3 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 401	Project Planning and Construction Management	3	3
2	CE 411	Structural Analysis-III	3	3
3	CE 416	Design of Concrete Structures Sessional-II	1	2
4	CE 418	Computer Aided Analysis & Design of Structures Sessional	1	2
5	CE 443	Transportation Engineering-II	4	4
6	CE 442	Transportation Engineering Lab-I	1	2
*	CE 400	Project & Thesis	-	2
Total			13	18.0
* Credit will be registered at 4 th year 3 rd semester				

Regulation-2022

4th Year 2nd Semester (29th Batch – 3 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE413	Design of Steel Structures	3	3
2	CE423	Solid and Hazardous Waste Management	3	3
3	CE444	Transportation Engineering Lab-II	1	2
4	CE 412	Engineering Computational Sessional	1	2
5	CE445	Transportation Engineering-III: Traffic Engineering Management	3	3
6	CE 455	Irrigation and Flood Management	3	3
*	CE 400	Project & Thesis *(Credit will be added in the 4th Year 3rd Semester)	-	2
Total			14.0	18.0
* Credit will be registered at 4 th year 3 rd semester				

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Regulation-2022

4 th Year 3 rd Semester (28 th Batch – 5 Sections) 4 months				
Sl. No.	Course Code	Course Title	Credit	Credit Hours/Week
1	CE 415	Prestressed Concrete	2	2
2	CE 417	Structural Dynamics & Earthquake Engineering	3	3
3	CE 425	EIA and Environmental Pollution Management	3	3
4	CE 414	Design of Steel Structures Sessional	1	2
5	CE 424	Environmental Engineering Lab-II	1	2
6*	CE 400	Project & Thesis	5	6
Total			15	18.0
* Previous assigned credit has been added in this semester				

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