



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

Regulation-2022
1st Year 1st Semester (Batch-36) 4 months

SL. No.	Course Code	Course Title	Credits	Contact Hours/Week
1	CE 107	Introduction to Civil Engineering	2	2
2	EEE 111	Basic Electrical Technology	3	3
3	CHM 101	General Chemistry	3	3
4	PHY 101	Physics-I: General Physics	3	3
5	MTH 101	Math-I: Differential and Integral Calculus	3	3
6	CE 100	Civil Engineering Drawing	1	2
Total Credit and Contact Hours (per week)			15	16

Regulation-2022
1st year 2nd Semester (Batch-35) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 103	Surveying	4	4
2	CE 108	Quantity Surveying	1	2
3	PHY102	Physics Lab	1	2
4	PHY103	Physics-II: Modern Physics	3	3
5	MTH103	Math-II: Linear Algebra, Matrix and Statistics	3	3
6	CE 102	Computer Aided Drafting	1	2
Total =			13	16

Regulation-2022
1st year 3rd Semester (Batch-34) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 101	Analytic Mechanics	3	3
2	CE 105	Engineering Materials	4	4
3	HUM103	Principles of Accounting	2	2
4	HUM107	Sociology and Moral Philosophy	2	2
5	CHM102	Chemistry Lab	1	2
6	CE 104	Practical Surveying	1	2
Total =			13	15

Course Coordinator
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Chairman
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Regulation-2022
2nd year 1st Semester (Batch-33) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 211	Mechanics of Solids-I	3	3
2	ENG 201	English	3	3
3	HUM201	History of Independence of Bangladesh	2	2
4	MTH205	Math-III: Differential Equations & Probability	3	3
5	CE 202	Engineering Materials Lab	1	2
6	CE 204	Computer Programming Sessional	1	2
7	CE 206	Computer Fundamentals	1	2
8	CE 104	Practical Surveying	1	2
Total			15	19

Regulation-2022
2nd year 2nd Semester (Batch-32) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 203	Engineering Geology and Geomorphology	3	3
2	CE 205	Numerical Methods	3	3
3	CE 213	Mechanics of Solids-II	3	3
4	HUM205	Engineering Economics	2	2
5	MTH207	Math-IV: Applied Mathematics for Engineers	3	3
6	ENG 202	Developing English Language Skills	1	2
7	CE 104	Practical Surveying	1	2
Total =			16	18

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Regulation-2022
2nd Year 3rd Semester (Batch-31) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 201	Professional Practice and Communication	3	3
2	CE 231	Principles of Soil Mechanics	4	4
3	CE 251	Fluid Mechanics	3	3
4	CE 212	Structural Mechanics and Materials Lab	1	2
5	CE 252	Fluid Mechanics Lab	1	2
Total =			12	14

Regulation-2022
3rd Year 1st Semester (Batch-30) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 311	Design of Concrete Structures-I	3	3
2	CE 315	Structural Analysis-I	4	4
3	CE 321	Environmental Engineering-I	3	3
4	CE 300	Details of Construction Sessional	1	2
5	CE 332	Geotechnical Engineering Lab	1	2
Total			12	14

Regulation-2022
3rd year 2nd Semester (Batch-29) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 331	Geotechnical Engineering-I	3	3
2	CE 351	Open Channel Flow	4	4
3	CE 322	Environmental Engineering Lab-I	1	2
4	CE 313	Design of Concrete Structures-II	3	3
5	CE 317	Structural Analysis-II	3	3
6	CE 312	Design of Concrete Structures Sessional-I	1	2
Total =			15.0	17.0

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Regulation-2022
3rd year 3rd Semester (Batch-28) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 323	Environmental Engineering-II	4	4
2	CE 333	Geotechnical Engineering-II	3	3
3	CE 341	Transportation Engineering-I	3	3
4	CE 353	Hydrology	3	3
5	CE 352	Open Channel Flow Lab	1	2
Total =			14	15.0

Regulation-22
4th year 1st Semester (Batch-27) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 401	Project Planning and Construction Management	3	3
2	CE 411	Structural Analysis-III	3	3
3	CE 443	Transportation Engineering-II	4	4
4	CE 416	Design of Concrete Structures Sessional-II	1	2
5	CE 442	Transportation Engineering Lab-I	1	2
6	CE 423	Solid and Hazardous Waste Management	3	3
*	CE 400	Project & Thesis	-	2
Total			15.0	19.0
* Credit will be registered at 4th year 3rd semester				

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Regulation-2019
4th year 2nd Semester (Batch-26) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 402	Details of Construction	2.00	2.00
2	CE 415	Prestressed Concrete	3.00	3.00
3	CE 423	Solid and Hazardous Waste Management	3.00	3.00
4	CE 451	Traffic Engineering and Management	3.00	3.00
5	CE 314	Design of Steel Structures Sessional	1.50	3.00
6	CE 438	Computer Aided Analysis and Design of Steel Structures Sessional	1.50	3.00
*	CE 400	Project and Thesis	-	3.00
Total			14.0	20.0
* Credit will be registered at 4th year 3rd semester				

Regulation-2019
4th year 3rd Semester (Batch-25) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 417	Earthquake Engineering	2.00	2.00
2	CE 427	Environmental Impact Assessment	2.00	2.00
3	CE 400*	Project and Thesis	4.50	9.00
Total =			8.5	13.0
* Credit will be registered at 4th year 3rd semester				

Regulation-2019
4th year 3rd Semester (Batch-24) 4 months

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 417	Earthquake Engineering	2.00	2.00
2	CE 427	Environmental Impact Assessment	2.00	2.00
3	CE 400*	Project and Thesis	4.50	9.00
Total =			8.5	13.0
* Credit will be registered at 4th year 3rd semester				

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