

**Department of Civil Engineering**  
**Course Offer of Summer 2024**  
**B.Sc. in Civil Engineering (Day)**

**Regulation-2022**  
**1<sup>st</sup> Year 1<sup>st</sup> Semester (Batch-34) 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**  
**1<sup>st</sup> year 2<sup>nd</sup> Semester (Batch-33) 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
<b>Total =</b>			<b>13</b>	<b>16</b>

**Regulation-2022**  
**1<sup>st</sup> year 3<sup>rd</sup> Semester (Batch-32) 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
<b>Total =</b>			<b>12</b>	<b>13</b>

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**Chairman**  
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**Regulation-2022**  
**2<sup>nd</sup> year 1<sup>st</sup> Semester (Batch-31) 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
<b>Total</b>			<b>14</b>	<b>17</b>

**Regulation-2022**  
**2<sup>nd</sup> year 2<sup>nd</sup> Semester (Batch-30) 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
<b>Total =</b>			<b>15</b>	<b>16</b>

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**Regulation-2022**  
**2<sup>nd</sup> Year 3<sup>rd</sup> Semester (Batch-29) 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
<b>Total =</b>			<b>12</b>	<b>14</b>

**Regulation-2022**  
**3<sup>rd</sup> Year 1<sup>st</sup> Semester (Batch-28) 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
<b>Total</b>			<b>12</b>	<b>14</b>

**Regulation-2022**  
**3<sup>rd</sup> year 2<sup>nd</sup> Semester (Batch-27) 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
<b>Total =</b>			<b>15.0</b>	<b>17.0</b>

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**Regulation-2019**  
**3<sup>rd</sup> year 3<sup>rd</sup> Semester (Batch-26) 4 months**

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 345	Hydrology	3.00	3.00
2	CE 421	Environmental Engineering II	4.00	4.00
3	CE 441	Advance Foundation Engineering	3.00	3.00
4	HUM 201	Engineering Economics	2.00	2.00
5	CE 316	Design of Concrete Structures Sessional II	1.50	3.00
<b>Total =</b>			<b>13.5</b>	<b>15</b>

**Regulation-2019**  
**4<sup>th</sup> year 1<sup>st</sup> Semester (Batch-25) 4 months**

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 303	Project Planning and Construction Management	4.00	4.00
2	CE 313	Design of Steel Structures	3.00	3.00
3	CE 353	Irrigation and Flood Management	3.00	3.00
4	CE 344	Transportation Engineering Lab	1.50	3.00
5	CE 418	Computer Aided Analysis and Design of RCC Structures Sessional	1.50	3.00
*	CE 400	Project and Thesis	-	3.00
<b>Total</b>			<b>13.0</b>	<b>19.0</b>
<b>* Credit will be registered at 4<sup>th</sup> year 3<sup>rd</sup> semester</b>				

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**Regulation-2019**  
**4<sup>th</sup> year 1<sup>st</sup> Semester (Batch-24) 4 months**

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 303	Project Planning and Construction Management	4.00	4.00
2	CE 313	Design of Steel Structures	3.00	3.00
3	CE 353	Irrigation and Flood Management	3.00	3.00
4	CE 344	Transportation Engineering Lab	1.50	3.00
5	CE 418	Computer Aided Analysis and Design of RCC Structures Sessional	1.50	3.00
*	CE 400	Project and Thesis	-	3.00
<b>Total</b>			<b>13.0</b>	<b>19.0</b>
* Credit will be registered at 4 <sup>th</sup> year 3 <sup>rd</sup> semester				

**Regulation-2019**  
**4<sup>th</sup> year 3<sup>rd</sup> Semester (Batch-23) 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
<b>Total =</b>			<b>8.5</b>	<b>13.0</b>
* Previous assigned credit has been added in this semester				

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