

Course Offer of Spring 2021 (Day Shift -Bisemester 6 Months)

| Batch | Semester | No. of std. | Offered Credit Hrs. | Course Code | Course Title | Credit Hrs. | Course Type | Section wise Cr. Hrs. |
|----------------------|--------------|-------------|---------------------|-------------|---|-------------|-------------|-----------------------|
| 211 (Day) Bisemester | 1st Semester | | 15 | CE 105 | Engineering Mechanics | 3 | T | 3 |
| | | | | CSE 100 | Computer Fundamentals Lab | 1 | L | 1 |
| | | | | ENG 100 | Professional English I | 1 | L | 1 |
| | | | | GED 101 | Bangladesh Studies | 2 | T | 2 |
| | | | | HUM 100 | Functional Bangla for Engineers | 1 | L | 1 |
| | | | | MAT 101 | Mathematics-I: Differential and Integral Calculus | 3 | T | 3 |
| | | | | PHY 101 | Physics | 2 | T | 2 |
| | | | | PHY 102 | Physics Lab | 1 | L | 1 |
| | | | | GED 102 | Engineering Ethics and Art of Living | 1 | L | 1 |
| 203 (Day) Bisemester | 2nd Semester | 21 | 17 | CSE 100 | Computer Fundamentals Lab | 1 | L | 1 |
| | | | | CE 103 | Surveying | 3 | T | 3 |
| | | | | EEE 101 | Basic Electrical Technology | 3 | T | 3 |
| | | | | ENG 102 | Professional English II | 1 | L | 1 |
| | | | | MAT 103 | Mathematics II: Coordinate Geometry and Matrices | 3 | T | 3 |
| | | | | CE 201 | Engineering Materials | 3 | T | 3 |
| | | | | CE 211 | Mechanics of Solids I | 3 | T | 3 |
| 201 (Day) Bisemester | 3rd Semester | 86 | 16 | CE 103 | Surveying | 3 | T | 3 |
| | | | | | | | | 3 |
| | | | | EEE 101 | Basic Electrical Technology | 3 | T | 3 |
| | | | | | | | | 3 |
| | | | | CE 211 | Mechanics of Solids I | 3 | T | 3 |
| | | | | | | | | 3 |
| | | | | CE 233 | Engineering Geology and Geomorphology | 3 | T | 3 |
| | | | | | | | | 3 |
| | | | | ENG 200 | Professional English III | 1 | L | 1 |
| | | | | | | | | 1 |
| | | | | CE 203 | Engineering Mathematics for Civil Engineers | 3 | T | 3 |
| | | | | | | | | 3 |

B. Sc. in Civil Engineering
Course Offer of Spring 2021 (Day Shift-4 Months)

| Batch | Trimester | No. of std. | Offered Credit Hrs. | Course Code | Course Title | Credit Hrs. | Course Type |
|------------------|-----------------------|-------------|---------------------|---------------|---|-------------|-------------|
| 193 (Day) | 5th Trimester | 15 | 15 | MAT 211 | Mathematics IV | 3 | T |
| | | | | CE 211 | Mechanics of Solids I | 3 | T |
| | | | | CE 221 | Mechanics of Fluids | 3 | T |
| | | | | CE 222 | Mechanics of Fluids Lab | 1.5 | L |
| | | | | CE 313 | Structural Analysis and Design I | 3 | T |
| | | | | CE 314 | Structural Analysis and Design I Lab | 1.5 | L |
| 192 (Day) | 6th Trimester | 11 | 15 | MAT 211 | Mathematics IV | 3 | T |
| | | | | CE 213 | Mechanics of Solids II | 3 | T |
| | | | | CE 221 | Mechanics of Fluids | 3 | T |
| | | | | CE 222 | Mechanics of Fluids Lab | 1.5 | L |
| | | | | CE 341 | Environmental Engineering I | 3 | T |
| | | | | CE 314 | Structural Analysis and Design I Lab | 1.5 | L |
| 191 (Day) | 7th Trimester | 27 | 15 | CE 313 | Structural Analysis and Design I | 3 | T |
| | | | | CE 314 | Structural Analysis and Design I Lab | 1.5 | L |
| | | | | CE 315 | Design of Concrete Structure I | 3 | T |
| | | | | CE 333 | Geotechnical Engineering II | 3 | T |
| | | | | CE 334 | Geotechnical Engineering II Lab | 1.5 | L |
| | | | | CE 351 | Transportation Engineering I (Transportation Planning and Traffic | 3 | T |
| 183 (Day) | 8th Trimester | 4 | 15 | CE 341 | Environmental Engineering I | 3 | T |
| | | | | CE 414 | Prestressed Concrete | 3 | T |
| | | | | CE 421 | Water Resource Engineering II | 3 | T |
| | | | | CE 322 | Water Resource Engineering I Lab | 1.5 | L |
| | | | | CE 319 | Design of Concrete Structure II | 3 | T |
| | | | | CAD 102 | Computer Aided Design Lab (ETABS) | 1.5 | L |
| 182 (Day) | 9th Trimester | 7 | 15 | CE 341 | Environmental Engineering I | 3 | T |
| | | | | CE 319 | Design of Concrete Structure II | 3 | T |
| | | | | CAD 102 | Computer Aided Design Lab (ETABS) | 1.5 | L |
| | | | | CE 414 | Prestressed Concrete | 3 | T |
| | | | | CE 421 | Water Resource Engineering II | 3 | T |
| | | | | CE 322 | Water Resource Engineering I Lab | 1.5 | L |
| 181 (Day) | 10th Trimester | 15 | 13.5 | CE 400 | Project and Thesis* | 1.5 | |
| | | | | CE 319 | Design of Concrete Structure II | 3 | T |
| | | | | CAD 102 | Computer Aided Design Lab (ETABS) | 1.5 | L |
| | | | | CE 451 | Transportation Engineering II: (Highway Design and Railway) | 3 | T |
| | | | | CE 413 | Structural Analysis and Design III | 3 | T |
| | | | | CE 318 | Structural Analysis and Design II Lab | 1.5 | L |
| 173 (Day) | 11th Trimester | 6 | 14 | CE 400 | Project and Thesis* | 1.5 | |
| | | | | CE 413 | Structural Analysis and Design III | 3 | T |
| | | | | CE 443 | Environmental Engineering III | 3 | T |
| | | | | CE 444 | Environmental Engineering II Lab | 1.5 | L |
| | | | | CE 415 | Design of Steel Structure | 3 | T |
| | | | | CE 447 | Climate Change and Sustainable | 2 | T |
| 172 (Day) | 12th Trimester | 4 | 9 | CE 400 | Project and Thesis* | 1.5 | |
| | | | | CE 110 | Civil Engineering Drawing II | 1.5 | L |
| | | | | MAT 211 | Mathematics IV | 3 | T |
| | | | | AOL 101 | Art of Living | 3 | T |

B. Sc. in Civil Engineering
Course Offer of Spring 2021 (Evening Shift-4 Months)

| Batch | Trimester | No. of std. | Offered Credit Hrs. | Course Code | Course Title | Credit Hrs. | Course Type |
|------------------|-----------------------|-------------|---------------------|---------------|--|-------------|-------------|
| 201 (Eve) | 4th Trimester | 43 | 13.5 | Math 201 | Mathematics III | 3 | T |
| | | | | CE 213 | Mechanics of Solids II | 3 | T |
| | | | | CE 313 | Structural Analysis and Design I | 3 | T |
| | | | | CE 314 | Structural Analysis and Design I Lab | 1.5 | L |
| | | | | CE 315 | Design of Concrete Structure I | 3 | T |
| 193 (Eve) | 5th Trimester | 4 | 15 | Math 201 | Mathematics III | 3 | T |
| | | | | CE 351 | Transportation Engineering I (Transportation Planning and Traffic | 3 | T |
| | | | | CE 341 | Environmental Engineering I | 3 | T |
| | | | | CE 342 | Environmental Engineering I Lab | 1.5 | L |
| | | | | CE 317 | Structural Analysis and Design II | 3 | T |
| | | | | CE 318 | Structural Analysis and Design II Lab | 1.5 | L |
| 192 (Eve) | 6th Trimester | 8 | 15 | Math 201 | Mathematics III | 3 | T |
| | | | | CE 351 | Transportation Engineering I (Transportation Planning and Traffic | 3 | T |
| | | | | CE 341 | Environmental Engineering I | 3 | T |
| | | | | CE 342 | Environmental Engineering I Lab | 1.5 | L |
| | | | | CE 317 | Structural Analysis and Design II | 3 | T |
| | | | | CE 318 | Structural Analysis and Design II Lab | 1.5 | L |
| 191 (Eve) | 7th Trimester | 22 | 15 | CE 301 | Construction Project Management | 3 | T |
| | | | | CE 341 | Environmental Engineering I | 3 | T |
| | | | | CE 342 | Environmental Engineering I Lab | 1.5 | L |
| | | | | CE 317 | Structural Analysis and Design II | 3 | T |
| | | | | CE 333 | Geotechnical Engineering II | 3 | T |
| | | | | CE 334 | Geotechnical Engineering II Lab | 1.5 | L |
| 183 (Eve) | 8th Trimester | 22 | 15 | CE 400 | Project and Thesis* | 1.5 | |
| | | | | CE 318 | Structural Analysis and Design II Lab | 1.5 | L |
| | | | | CE 319 | Design of Concrete Structure II | 3 | T |
| | | | | CE 333 | Geotechnical Engineering II | 3 | T |
| | | | | CE 334 | Geotechnical Engineering II Lab | 1.5 | L |
| | | | | CE 414 | Prestressed Concrete | 3 | T |
| | | | | CAD 102 | Computer Aided Design Lab (ETABS) | 1.5 | L |
| 182 (Eve) | 9th Trimester | 18 | 15 | CE 400 | Project and Thesis* | 1.5 | |
| | | | | CE 318 | Structural Analysis and Design II Lab | 1.5 | L |
| | | | | CAD 102 | Computer Aided Design Lab (ETABS) | 1.5 | L |
| | | | | CE 441 | Environmental Engineering II | 3 | T |
| | | | | CE 421 | Water Resource Engineering II | 3 | T |
| | | | | CE 322 | Water Resource Engineering I Lab | 1.5 | L |
| | | | | CE 311 | Introduction to Soil Dynamics | 3 | T |
| 181 (Eve) | 10th Trimester | 8 | 15.5 | CE 400 | Project and Thesis* | 1.5 | |
| | | | | CE 415 | Design of Steel Structures | 3 | T |
| | | | | CE 421 | Water Resource Engineering II | 3 | T |
| | | | | CE 447 | Climate Change and Sustainable Development | 2 | T |
| | | | | CE 311 | Introduction to Soil Dynamics | 3 | T |
| | | | | CE 451 | Transportation Engineering II (Highway Design and Railway) | 3 | T |

Department of Civil Engineering
B.Sc. in Civil Engineering
Course Offer of Spring 2021 (203 & 211 Evening Shift-4 Months)

Evening 211 (1st Semester)

| Level 1, Term 1 | | | | | |
|-----------------|---|----------------|-------------|--------------|----------|
| Course Code | Course Title | Theory (hr/wk) | Lab (hr/wk) | Credit Hours | Merging |
| CE 105 | Engineering Mechanics | 3 | 0 | 3 | - |
| CSE 100 | Computer Fundamentals Lab | 0 | 2 | 1 | 203, 211 |
| ENG 100 | Professional English I | 0 | 2 | 1 | - |
| GED 101 | Bangladesh Studies | 2 | 0 | 2 | 203, 211 |
| MAT 101 | Mathematics I: Differential and Integral Calculus | 3 | 0 | 3 | - |
| PHY 101 | Physics | 2 | 0 | 2 | - |
| PHY 102 | Physics Lab | 0 | 2 | 1 | 203, 211 |
| Total = | | 10 | 6 | 13 | |

Evening 203 (2nd Semester)

| Level 1, Term 2 | | | | | |
|-----------------|-----------------------------|----------------|-------------|--------------|----------|
| Course Code | Course Title | Theory (hr/wk) | Lab (hr/wk) | Credit Hours | Merging |
| CSE 100 | Computer Fundamentals Lab | 0 | 2 | 1 | 203, 211 |
| GED 101 | Bangladesh Studies | 2 | 0 | 2 | 203, 211 |
| PHY 102 | Physics Lab | 0 | 2 | 1 | 203, 211 |
| EEE 101 | Basic Electrical Technology | 3 | 0 | 3 | - |
| CE 103 | Surveying | 3 | 0 | 3 | - |
| CHE 101 | Chemistry | 2 | 0 | 2 | - |
| CHE 102 | Chemistry Lab | 0 | 2 | 1 | - |
| Total = | | 10 | 6 | 13 | |