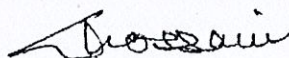


**Bangladesh University of Engineering & Technology**  
**Department of Civil Engineering**

Date: 03/11/2021

The following courses will be offered to the under-graduate Civil Engineering students of  
**L2TI, L2TII, L3TII & L4TII**  
**Term: July 2021**

<i>Level</i>	<i>Term</i>	<i>Course Number, Title and Credit Hour/Week</i>	<i>Status of Course</i>	<i>Selection Basis/Remark</i>
2	I	CE 201    Engineering Materials (3.0)	C	Total <b>20.0</b> credits
		CE 203    Engineering Geology and Geomorphology (3.0)	C	
		CE 211*    Mechanics of Solids I (3.0)	C	
		HUM 353    Accounting (2.0)	C	
		MATH 237    Laplace Transform and Vector Analysis (3.0)	C	
		CE 200    Details of Construction (1.5)	C	
		CE 202    Materials Sessional (1.5)	C	
		CE 204    Computer Programming Sessional (1.5)		
		CE 210    Architectural, Engineering and Planning Appreciation (1.5)	C	
			C	
2	II	CE 205    Numerical Methods (2.0)	C	Total <b>19.0</b> Credits
		CE 213*    Mechanics of Solids II (3.0)	C	
		HUM 217    Engineering Economics (2.0)	C	
		WRE 211    Fluid Mechanics (3.0)	C	
		CE 207    Applied Mathematics for Engineers (3.0)	C	
		CE 206*    Engineering Computation Sessional (1.5)	C	
		CE 208    Quantity Surveying (1.5)	C	
		CE 212    Structural Mechanics & Materials Sessional (1.5)	C	
3	II	WRE 212    Fluid Mechanics Sessional (1.5)	C	
		CE 317 *    Design of Concrete Structures II (3.0)	C	Total <b>21.5</b> credits
		CE 319    Design of Steel Structures (3.0)	C	
		CE 333    Environmental Engineering II (4.0)	C	
		CE 351    Transportation Engineering I: Transportation Planning & Traffic Engineering (3.0)	C	
		WRE 311    Open Channel Flow (4.0)	C	
		CE 316    Bridge Design Sessional (1.5)	C	
		CE 320    Steel Structures Design Sessional (1.5)	C	
		WRE 312    Open Channel Flow Sessional (1.5)	C	

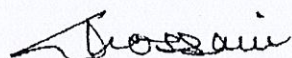




Level	Term	Course ID	Course Number, Title and Credit Hour/Week	Selection Basis/Remark
4	II		CE 400 Project and Thesis (3.0)	C
			CE 403 Socio-economic Aspects of Development Projects (3.0)	
		S1 S2 S3 S4	CE 413 Introduction to Steel-Concrete Composite Structures (2.0) CE 415 Prestressed Concrete (2.0) CE 421 Dynamics of Structures (2.0) CE 419 Introduction of Finite Element Method (2.0)	S1 or S2 and S3 or S4
			CE 412 Computer Aided Analysis and Design of Structures Sessional (1.5)	Structure
		E1 E2 E3	CE 433 Solid and Hazardous Waste Management (2.0) <b>CE 435 Environmental Pollution Management (2.0)</b> CE 437 Environmental and Sustainable Management (2.0)	E1+E2 or E2+E3
			CE 432 Design of Water Supply, Sanitation and Sewerage Systems (1.5)	Environment
		G1 G2 G3	<b>CE 443 Earth Retaining Structures (2.0)</b> CE 445 Elementary Soil Dynamics (2.0) CE 447 Soil-Water Interaction (2.0)	G1+G2 or G1+G3
			CE 442 Geotechnical Engineering Design Sessional (1.5)	Geotechnical
		T1 T2	CE 455 Transportation Engineering IV: Pavement Management, Drainage and Airport (2.0) CE 457 Transportation Engineering V: Urban Transportation Planning and Management (2.0)	T1+T2
			CE 454 Transportation Engineering Sessional II: Pavement Design and Traffic Studies (1.5)	Transportation
		W1 W2	WRE 409 River Engineering (2.0) WRE 411 Hydraulic Structures (2.0)	W1+W2
			WRE 412 Water Resources Engineering Sessional (1.5)	Water Resource
				Total <b>17.0</b> Credits

C: Compulsory; O: Optional

\*: Registration of this course requires obtaining minimum F grade in its pre-requisite course.



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