

Bangladesh University of Engineering and Technology, Dhaka
Department of Civil Engineering

Date: 14.02.2021

January 2021 Semester

NOTICE

The following courses will be offered to the under-graduate Civil Engineering students of

L1TI, L2TI, L3TI & L4TI

<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>
1	II	CE 103 Surveying (4.0) EEE 165 Basic Electrical Technology (3.0) HUM 185 English (2.0) MATH 139 Differential Equations and Statistics (3.0)	C C C C	Total 19.5 credits
		CHEM 105 Chemistry II (3.0) PHY 151 Structure of Matter, Electricity and Magnetism and Modern Physics (3.0)	O O	
		CE 102 Computer Aided Drafting (1.5) HUM 274 Developing English Language Skills (1.5) SHOP 132 Workshop Sessional (1.5)	C C C	
2	I	CE 201 Engineering Materials (3.0)	C	Total 20.0 credits
		CE 203 Engineering Geology and Geomorphology (3.0)	C	
		CE 211* Mechanics of Solids I (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)	C	
		CE 210 Architectural, Engineering and Planning Appreciation (1.5)	C	
		HUM 353 Accounting (2.0)	C	
		MATH 237 Laplace Transform and Vector Analysis (3.0)	C	
3	I	CE 301 Professional Practices and Communication (3.0)	C	Total 21.5 credits
		CE 311* Structural Analysis (4.0)	C	
		CE 315 Design of Concrete Structures I (3.0)	C	
		CE 331 Environmental Engineering I (3.0)	C	
		CE 341* Principles of Soil Mechanics (4.0)	C	
		CE 302 Professional Practices and Communication Sessional (1.5)	C	
		CE 332 Environmental Engineering Laboratory (1.5)	C	
		CE 342 Geotechnical Engineering Laboratory (1.5)	C	


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4	I	CE 401 Project planning and Construction Management (4.0)	C	Total 21.5 credits
		CE 411* Structural Analysis and Design II (3.0)	C	
		CE 441 Foundation Engineering (3.0)	C	
		CE 451 Transportation Engineering II: Pavement Design and Railway Engineering (4.0)	C	
		WRE 451 Hydrology, Irrigation and Flood Management (3.0)	C	
		CE 410 Concrete Structures Design Sessional II (1.5)	C	
		CE 452 Transportation Engineering Sessional I: Highway Materials and Traffic Engineering Design (1.50)	C	
		CE 400** Project and Thesis (1.50)	C	

C: Compulsory; O: Optional

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

**: To register in division of specialization from Structural, Environmental, Geotechnical, and Transportation Engineering.


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