

Civil Engineering		
Bangladesh University of Engineering and Technology		
CORE: CE		
01	CE	BASIC - Analytic Mechanics
02	CE	BASIC - Mechanics of Solids 1
03	CE	BASIC - Mechanics of Solids 2
04	CE	BASIC - Engineering Materials (with Sessional)
05	CE	BASIC - Engineering Geology and Geomorphology
06	CE	BASIC - Surveying
07	CE	BASIC - Numerical Methods
08	CE	BASIC - Applied Mathematics of Engineering
09	CE	CIVIL - Professional Practices and Communication (with Sessional)
10	CE	CIVIL - Project Planning and Construction Management
11	CE	STRUCTURE - Structural Analysis
12	CE	STRUCTURE - Design of Concrete Structures 1
13	CE	STRUCTURE - Design of Concrete Structures 2
14	CE	STRUCTURE - Design of Steel Structures
15	CE	STRUCTURE - Analysis of Indeterminate Structures
16	CE	ENVIRONMENTAL - Environmental Engineering 1 (with Sessional)
17	CE	ENVIRONMENTAL - Environmental Engineering 2 (with Sessional)
18	CE	GEOTECHNICAL - Principles of Soil Mechanics
19	CE	GEOTECHNICAL - Foundation Engineering
20	CE	TRANSPORTATION - Transportation Engineering 1 (Transportation Planning and Traffic)
21	CE	TRANSPORTATION - Transportation Engineering 2 (Pavement Design and Railways)
22	CE	Engineering Computation Sessional
23	CE	Civil Engineering Drawing Sessional
24	CE	Computer Aided Drafting Sessional
25	CE	Practical and Quantity Surveying Sessional
26	CE	Structural Mechanics and Materials Sessional
27	CE	Architectural Engineering and Planning Appreciation Sessional
28	CE	Details of Construction Sessional
29	CE	Bridge Design Sessional
30	CE	Building Design Sessional
31	CE	Steel Structures Design Sessional
32	CE	Geotechnical Engineering Sessional
33	CE	Transportation Engineering 1: Highway Materials and Traffic Engineering Design Sessional
34	CE	Undergraduate Thesis
35	CE	Capstone Project
CORE: SCINECT AND TECHNOLOGY		
01	MATH	Differential and Integral Calculus
02	MATH	Differential Equations
03	MATH	Laplace Transform and Vector Analysis
04	MATH	Matrices and Statistics
05	PHY	Physical Optics, Wave and Oscillation, Heat and Thermodynamics (Sessional)
06	PHY	Structure of Matter, Electricity and Magnetism, Modern Physics (Sessional)
07	CHE	Chemistry
08	CHE	Inorganic Quantitative Analysis Sessional
09	IPE	Engineering Economics
10	WRE	Fluid Mechanics (with Sessional)
11	WRE	Open Channel Flow (with Sessional)
12	WRE	Hydrology, Irrigation and Flood Management
13	EEE	Basic Electrical Technology
14	CSE	Computer Programming Sessional
15	SHOP	Workshop Sessional
ELECTIVE: CIVIL ENGINEERING (Any One Course)		
01	CE	Sustainability of Development Projects
02	CE	Business and Career Development
03	CE	Principles of Project Finance
ELECTIVE: STRUCTURAL ENGINEERING (Can Choose)		
01	CE	Introduction to Steel-Concrete Composite Structures
02	CE	Pre-stressed Concrete
03	CE	Design of Concrete Structures 3

04	CE	Introduction to Finite Element Method
05	CE	Dynamics of Structures
ELECTIVE: ENVIRONMENTAL ENGINEERING (Can Choose)		
01	CE	Solid and Hazardous Waste Management
02	CE	Environmental Pollution Management
03	CE	Basic Environmental Management
ELECTIVE: GEOTECHNICAL ENGINEERING (Can Choose)		
01	CE	Earth Retaining Structures
02	CE	Elementary Soil Dynamics
03	CE	Soil-Water Interaction
ELECTIVE: TRANSPORTATION ENGINEERING (Can Choose)		
01	CE	Transportation Engineering 3 (Traffic Engineering Design and Management)
02	CE	Transportation Engineering 4 (Pavement Management, Drainage and Airport)
03	CE	Transportation Engineering 5 (Urban Transportation Planning and Management)