



UTTARA UNIVERSITY
Department of Computer Science & Engineering
Course Offering for Spring 2016 Semester
B.Sc. (Engg.) in Computer Science & Engineering

(Regular Batch)

Batch – 38:

ENG –100: Communication Skill (3.0 Credits)
MATH-110: Differential & Integral Calculus (3.0 Credits)
CSEC-111: Computer System & Application (3.0 Credits)
CSEC-112: Computer System & Application Sessional (1.5 Credits)
STAT-121: Statistics & Probability (3.0 Credits)

Batch – 37:

ACTG -121: Accounting (3.0 Credits) [Merge with B.Sc. 36B Regular]
EENG-121: Electrical Circuit (3.0 Credits) [Merge with B.Sc. 36B Regular]
EENG-122: Electrical Circuit Sessional (1.5 Credits) [Merge with B.Sc. 36B Regular]
MATH-129: Complex Variable & Laplace Transforms (3.0 Credits) [Merge with B.Sc. 36B Regular]
CSEC -121: Programming Language & Application-I (3.0 Credits)
CSEC -122: Programming Language & Application-I Sessional (1.5 Credits)

Batch – 36:

ACTG -121: Accounting (3.0 Credits)
EENG-121: Electrical Circuit (3.0 Credits)
EENG-122: Electrical Circuit Sessional (1.5 Credits)
MATH-129: Complex Variable & Laplace Transforms (3.0 Credits)
CSEC -211: Programming Language & Application-II (3.0 Credits)
CSEC -212: Programming Language & Application-II Sessional (1.5 Credits)

Batch – 35:

CSEC 213: Basic Electronics (3.0 Credits)
CSEC 213: Basic Electronics Sessional (1.5 Credits)
CSEC 215: Data Structure (3.0 Credits)
CSEC 216: Data Structure Sessional (1.5 Credits)
CSEC 217: Digital Logic Design (3.0 Credits)
CSEC 218: Digital Logic Design Sessional (1.5 Credits)

Batch -34

BUS -110: Business Communication (3.0 Credits)
CSEC -313: Object-Oriented Programming (3.0 Credits)
CSEC -314: Object-Oriented Programming Sessional (1.5 Credits)
MATH-221: Linear Algebra & Fourier Transform (3.0 Credits)
CSEC -225: Microprocessor Interfacing & Low Level Language (3.0 Credits)
CSEC -226: Microprocessor Interfacing & Low Level Language Sessional (1.5 Credits)

Batch -33

ACTG -121: Accounting (3.0 Credits)
CSEC -311: Design & Analysis of Algorithm (3.0 Credits)
CSEC -312: Design & Analysis of Algorithm Sessional (1.5 Credits)
CSEC -316: System Analysis & Design (3.0 Credits)
CSEC -317: System Analysis & Design Sessional (1.5 Credits)
CSEC 229: Computer Architecture. (3.0 Credits)

Batch-32

ECON -229: Economics (3.0 Credits)
CSEC -318: Computer Peripheral Interfacing & Maintenance (3.0 Credits)
CSEC -319: Computer Peripheral Interfacing & Maintenance Sessional (1.5 Credits)
CSEC -323: Data Communication (3.0 Credits)
CSEC -430: Software Engineering (3.0 Credits)
CSEC -431: Software Engineering Sessional (1.5 Credits)

Batch-31

MATH-123: Discrete Mathematics (3.0 Credits)
MATH-129: Complex Variable & Laplace Transforms (3.0 Credits) [Merge with BSc 30 Regular]
CSEC -424: Artificial Intelligence & Expert System & Sessional (Elective-I Course, 4.5 Credits) [Merge with BSc 30R]
MNGT 228: Management & Organization Behavior (3.0 Credits) [Merge with BSc 30 Regular]
CSEC -414: Digital Signal Processing (3.0 Credits) [Merge with BSc 30 Regular]

Batch-30

MNGT 228: Management & Organization Behavior (3.0 Credits)
CSEC -414: Digital Signal Processing (3.0 Credits)
MATH-129: Complex Variable & Laplace Transforms (3.0 Credits)
CSEC -424: Artificial Intelligence & Expert System & Sessional (Elective-I Course, 4.5 Credits)

Batch-29

CSEC -423: VLSI Design & Sessional (4.5 Credits)
MATH-129: Complex Variable & Laplace Transforms (3.0 Credits)
CSEC -414: Digital Signal Processing (3.0 Credits)

Batch-28

MATH-221: Linear Algebra & Fourier Transform (3.0 Credits) [Merge with BSc 34 Regular]
CSEC -423: VLSI Design & Sessional (4.5 Credits) [Merge with BSc 29 Regular]
CSEC 399: Project I (3.0 Credits)

Batch 27

CSEC 499: Project II (3.0 Credits)

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Mohammad Alauddin
Coordinator (B.Sc- Diploma &M.Sc)
Department of CSE
Uttara University

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Md. Amanat Ullah
Coordinator (B.Sc- Regular)
Department of CSE
Uttara University

.....
Md. Shafiul Alam Chowdhury
Chairman,
Department of CSE
Uttara University