



UTTARA UNIVERSITY
Department of Computer Science & Engineering
Course Offering for Fall 2016 Semester
B.Sc. (Engg.) in Computer Science & Engineering (updated 1.1)

(Regular Batch)

Batch – 40th:

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

Batch – 39th:

CSEC -121: Programming Language & Application-I (3.0 Credits)
CSEC -122: Programming Language & Application-I Sessional (1.5 Credits)
MATH-129: Complex Variable & Laplace Transforms (3.0 Credits)
MATH-123: Discrete Mathematics (3.0 Credits)
EENG-121: Electrical Circuit (3.0 Credits)
EENG-122: Electrical Circuit Sessional (1.5 Credits)

Batch – 38th:

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

Batch – 37th:

CSEC 213: Basic Electronics (3.0 Credits)
CSEC 214: Electrical and Electronics Technology 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 -36th:

ECON -229: Economics (3.0 Credits)
MATH-221: Linear Algebra & Fourier Transform (3.0 Credits)
CSEC -229: Computer Architecture (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 -35th:

CSEC -229: Computer Architecture (3.0 Credits)
CSEC -311: Computer Peripheral, Interfacing & Maintenance (3.0 Credits)
CSEC -317: Computer Peripheral, Interfacing & Maintenance Sessional (1.5 Credits)
CSEC 313: Object Oriented Programming (3.0 Credits)
CSEC 314: Object Oriented Programming Sessional (1.5 Credits)

Batch-34th:

ECON -229: Economics (3.0 Credits)
CSEC 227: Operating System Design. (3.0 Credits)
CSEC 228: Operating System Design Sessional. (1.5 Credits)
CSEC -321: Database Management System (3.0 Credits)
CSEC -322: Database Management System Sessional (1.5 Credits)
CSEC 324: Measurement and Instrumentation. (3.0 Credits)

Batch-33rd:

CSEC -321: Database Management System (3.0 Credits)
CSEC -322: Database Management System Sessional (1.5 Credits)
CSEC 324: Measurement & Instrumentation (3.0 Credits)
CSEC 428: Computer Graphics (3.0 Credits)
CSEC 429: Computer Graphics Sessional (1.5 Credits)

Batch-32nd:

CSEC 432: Computer Communication & Networks. (3.0 Credits)
CSEC 433: Computer Communication & Networks Sessional. (1.5 Credits)
CSEC 325: Compiler Construction. (3.0 Credits)
CSEC 326: Compiler Construction Sessional. (1.5 Credits)

Batch-31st:

ECON -229: Economics (3.0 Credits)
CSEC 428: Computer Graphics (3.0 Credits)
CSEC 429: Computer Graphics Sessional (1.5 Credits)
CSEC 462: Digital Signal Processing Sessional. (1.5 Credits)
MATH-462: Numerical Analysis and Coordinate Geometry (3.0 Credits)

Batch-30th:

ECON -229: Economics (3.0 Credits)
MATH-221: Numerical Analysis and Coordinate Geometry (3.0 Credits)
CSEC 422: Internet Programming & Sessional. (4.5 Credits)
CSEC 399: Project I (3.0 Credits)

Batch-29th:

CSEC 499: Project II (3.0 Credits)

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