**Leading University**

**Department of Computer Science & Engineering**

Course Offer List for Summer-2017

* Any failed course(s) in Fall-2016 must be enrolled in this semester.
* Any course(s) need to be improved from Spring-2017 must be enrolled in this semester.
* All students complete Data Structure in Spring-2017 must enroll Computer Algorithm in Summer-2017

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1C | **Batch: 45th** | | | | | | | | | |
| **Course Code** | **Course Title** | | **Credit** | | | | | **Section** | | | **Prerequisite** | | |
| ENG-1111 | English Reading and Speaking | | 3 | | | | | - | | | - | | |
| MAT-1111 | Differential and Integral Calculus | | 3 | | | | | - | | | - | | |
| CSE-1111 | Introduction to Computers | | 2 | | | | | - | | | - | | |
| CSE-1112 | Introduction to Computers Sessional | | 1 | | | | | - | | | - | | |
| CHE-2311 | Chemistry | | 2 | | | | | - | | | - | | |
| CHE-2312 | Chemistry Laboratory | | 1 | | | | | - | | | - | | |
| CEE-2110 | Engineering Drawing | | 1.5 | | | | | - | | |  | | |
|  | **Total** | | **13.5** | | | | |  | | |  | | |
| 2C | **Batch: 44th** | | | | | | | | | |
| **Course Code** | **Course Title** | | **Credit** | | | | | | **Section** | | **Prerequisite** | | |
| ENG-1311 | English Writing and Listening | | 3 | | | | | | A,B,C,D,E,F | | ENG-1111 | | |
| MAT-1213 | Linear Algebra & Complex Analysis | | 3 | | | | | | Do | | - | | |
| CSE-1213 | Computer Programming | | 3 | | | | | | Do | | - | | |
| CSE-1214 | Computer Programming Sessional | | 1 | | | | | | Do | | - | | |
| CSE-1215 | Discrete Mathematics | | 3 | | | | | | Do | | - | | |
| ART-1111 | Bangladesh Studies | | 3 | | | | | | Do | | - | | |
|  | **Total** | | **14** | | | | | |  | |  | | |
| 3C | **Batch: 43rd** | | | | | | | | | |
| **Course Code** | **Course Title** | | **Credit** | | | | | | **Section** | | **Prerequisite** | | |
| PHY-2211 | General Physics | | 3 | | | | | | - | | - | | |
| PHY-2212 | General Physics Laboratory | | 1 | | | | | | - | | - | | |
| ART-1311 | Introduction to Sociology | | 3 | | | | | | - | | - | | |
| MAT-1315 | Differential Equations and Fourier Analysis | | 3 | | | | | | - | | MAT-1111 | | |
| CSE-1315 | Data Structures | | 3 | | | | | | - | | CSE-1213 | | |
| CSE-1316 | Data Structures: Sessional | | 1 | | | | | | - | | CSE-1214 | | |
|  | **Total** | | **14** | | | | | | **-** | |  | | |
| 4C | **Batch: 42nd** | | | | | | | | | |
| **Course Code** | **Course Title** | | | | **Credit** | | | | **Section** | | **Prerequisite** | | |
| ACC-2111 | Principles of Accounting | | | | 3 | | | | - |  | | | |
| CSE-2117 | Computer Algorithms & Complexity | | | | 3 | | | | - | | CSE-1315 | | |
| CSE-2118 | Computer Algorithms & Complexity lab | | | | 1 | | | | - | | CSE-1316 | | |
| MAT-2111 | Co-Ordinate Geometry and Vector Analysis | | | | 3 | | | | - | |  | | |
| CEE-2110 | Engineering Drawing | | | | 1.5 | | | | - | |  | | |
|  | **Total** | | | | **11.5** | | | |  | |  | | |
|  |  | | | |  | | | |  | |  | | |
| 5C | **Batch: 41st** | | | | | | | | | |
| **Course Code** | **Course Title** | | | **Credit** | | | | **Section** | | | **Prerequisite** | | |
| ECO-2211 | Principals of Economics | | | 3 | | | | A,B,C,D | | |  | | |
| MAT-2213 | Probability and Statistics | | | 3 | | | | Do | | |  | | |
| PHY-2211 | General Physics | | | 3 | | | | Do | | |  | | |
| PHY-2212 | General Physics Laboratory | | | 1 | | | | Do | | |  | | |
| CSE-2213 | Object Oriented Programming | | | 3 | | | | Do | | | CSE-1213 | | |
| CSE-2214 | Object Oriented Programming Sessional | | | 1 | | | | Do | | | CSE-1214 | | |
|  | **Total** | | | **14** | | | |  | | |  | | |
| 6C | **Batch: 40th** | | | | | | | | | |
| **Course Code** | **Course Title** | | | | | **Credit** | | **Section** | | | **Prerequisite** | | |
| CHE-2311 | Chemistry | | | | | 2 | | - | | | - | | |
| CHE-2312 | Chemistry Laboratory | | | | | 1 | | - | | | - | | |
| CSE-2319 | Database Management System | | | | | 3 | | - | | | - | | |
| CSE-2320 | Database Management System Sessional | | | | | 1 | | - | | | - | | |
| CSE-2321 | Data Communication | | | | | 3 | | - | | |  | | |
| EEE-2317 | Digital Electronics | | | | | 3 | | - | | | - | | |
| EEE-2318 | Digital Electronics Sessional | | | | | 1.5 | | - | | | - | | |
|  | **Total** | | | | | **14.5** | |  | | |  | | |
| 7C | **Batch: 39th** | | | | | | | | | |
| **Course Code** | **Course Title** | **Credit** | | | | | | **Section** | | | **Prerequisite** | | |
| CSE-3111 | Numerical Methods | 3 | | | | | | - | | | - | | |
| CSE-3112 | Numerical Methods Sessional | 1 | | | | | | - | | | - | | |
| CSE-3115 | Computer Network | 3 | | | | | | - | | | - | | |
| CSE-3116 | Computer Network Sessional | 1 | | | | | | - | | | - | | |
| CSE-3117 | Computer Architecture & Design | 3 | | | | | | - | | |  | | |
| MGT-3111 | Industrial Management | 3 | | | | | | - | | | - | | |
|  | **Total** | **14** | | | | | |  | | |  | | |
| 8C | **Batch: 38th** | | | | | | | | | |
| **Course Code** | **Course Title** | | | | | **Credit** | | **Section** | | | **Prerequisite** | | |
| EEE-3211 | Microprocessor, Assembly Language & Computer Interfacing | | | | | 3 | | A,B,C,D,E,F | | | EEE-2317 | | |
| EEE-3212 | Microprocessor, Assembly Language & Computer Interfacing Sessional | | | | | 1 | | Do | | | EEE-2318 | | |
| CSE-3211 | Operating System | | | | | 2 | | Do | | | - | | |
| CSE-3212 | Operating System: Sessional | | | | | 1 | | Do | | | - | | |
| CSE-3213 | Digital Signal Processing | | | | | 3 | | Do | | | - | | |
| CSE-3214 | Digital Signal Processing Sessional | | | | | 1 | | Do | | | - | | |
| CSE-3227 | Theory of Computation | | | | | 3 | | Do | | | - | | |
|  | **Total** | | | | **14** | | |  | | | | | |
| 9C | **Batch: 37th** | | | | | | |
| **Course Code** | **Course Title** | | | | **Credit** | | | **Section** | | | | | **Prerequisite** |
| CSE-3315 | Compiler Design & Construction | | | | 3 | | | - | | | | |  |
| CSE-3316 | Compiler Design & Construction: Sessional | | | | 1 | | | - | | | | |  |
| CSE-3317 | Java Programming | | | | 3 | | | - | | | | |  |
| CSE-3318 | Java Programming: Sessional | | | | 1 | | | - | | | | |  |
| CSE-3319 | Software Engineering and Information System Design | | | | 3 | | |  | | | | |  |
| CSE-3320 | Software Engineering and Information System Design Sessional | | | | 1 | | | - | | | | |  |
| CSE-3300 | Project-I | | | | 2 | | | - | | | | |  |
|  | **Total** | | | | **14** | | |  | | | | | |
| 10C | **Batch: 36th** | | | | | | |
| **Course Code** | **Course Title** | | | | **Credit** | | | **Section** | | | | **Prerequisite** | |
| EEE-4127 | VLSI I | | | | 2 | | | - | | | |  | |
| EEE-4128 | VLSI I Laboratory | | | | 1 | | | - | | | |  | |
| CSE-4111 | Management Information System | | | | 3 | | | - | | | |  | |
| CSE-4113 | Computer Graphics | | | | 3 | | | - | | | | CSE-1213 | |
| CSE-4114 | Computer Graphics Sessional | | | | 1 | | | - | | | | CSE-1214 | |
| CSE-4119 | Artificial Intelligence | | | | 3 | | | - | | | |  | |
|  | **Total** | | | | **13** | | |  | | | | | |
| 11C | **Batch: 35th** | | | | | | |  | | | | | |
| **Course Code** | **Course Title** | | | | **Credit** | | | **Section** | | | | **Prerequisite** | |
| EEE-4127 | VLSI I | | | | 2 | | | A,B | | | |  | |
| EEE-4128 | VLSI I Laboratory | | | | 1 | | | Do | | | |  | |
| CSE-4223 | Neural Network & Fuzzy Logic | | | | 3 | | | Do | | | |  | |
| CSE-4311 | Cellular Mobile & Satellite Communication | | | | 3 | | | Do | | | |  | |
| CSE-4800 | Project / Thesis (Proposal) | | | | 1 | | | Do | | | |  | |
|  | **Total** | | | | **10** | | |  | | | |  | |
| 12C | **Batch: 34th** | | | | | |  | | | | | | |
| **Course Code** | **Course Title** | | | | **Credit** | | | **Section** | | | | **Prerequisite** | |
| CSE-4223 | Neural Network & Fuzzy Logic | | | | 3 | | | - | | | | **-** | |
| CSE-4801 | Project / Thesis (Finalize & Submission) | | | | 3 | | | - | | | | **-** | |
|  | **Total** | | | | **06** | | |  | | | |  | |