**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** |  |  |