

**Department of Computer Science and Engineering**  
**Courses Offer for SUMMER 2016 (CSE Day)**

Course Code	Course Title	Pre-requisite	Credit Hours
<b>Level 1 Term 1 (L1-T1)</b>			
CSE 112	Computer Fundamentals	Null	3
MAT 111	Mathematics - I: Differential and Integral Calculus	Null	3
ENG 113	Basic Functional English and English Spoken	Null	3
PHY 113	Physics-I: Mechanics: Heat & Thermodynamics: Waves: Optics	Null	3
<b>Level 1 Term 2 (L1-T2)</b>			
MAT 121	Mathematics - II: Linear Algebra and Coordinate Geometry	MAT111	3
CSE 122	Programming and Problem Solving	CSE 112	3
CSE 123	Problem Solving Lab	CSE 112	1
PHY 123	Physics - II: Electricity: Magnetism and Modern Physics	PHY113	3
PHY 124	Physics - II Lab	PHY113	1
ENG 123	Writing and Comprehension	ENG113	3
<b>Level 1 Term 3 (L1-T3)</b>			
CSE 131	Discrete Mathematics	Null	3
CSE 132	Electrical Circuits	PHY123	3
CSE 133	Electrical Circuits Lab	PHY124	1
CSE 134	Data Structures	CSE122	3
CSE 135	Data Structures Lab	CSE123	1
MAT 131	Mathematics - III: Ordinary and Partial Differential Equations	MAT121	3
<b>Level 2 Term 1 (L2-T1)</b>			
MAT 211	Mathematics-IV: Engineering Mathematics	MAT131	3
CSE 212	Digital Electronics	CSE131	3
CSE 213	Digital Electronics Lab	CSE131	1
CSE 214	Object Oriented Programming	CSE134	3
CSE 215	Object Oriented Programming Lab	CSE135	1
GED 201	Bangladesh Studies	ENG113	3
<b>Level 2 Term 2 (L2-T2)</b>			
CSE 221	Algorithm	CSE122	3
CSE 222	Algorithm Lab	CSE123	1
STA 133	Statistics and Probability	MAT111	3
CSE 224	Electronic Devices and Circuits	CSE132	3
CSE 225	Electronic Devices and Circuits Lab	CSE133	1
<b>Level 2 Term 3 (L2-T3)</b>			
CSE 231	Microprocessor and Assembly Language	CSE132 CSE 212	3
CSE 232	Microprocessor and Assembly Language Lab	CSE133, CSE 213	1
CSE 233	Data Communication	CSE 212	3
CSE 234	Numerical Methods	MAT121, MAT 211	3
CSE 235	Introduction to Bio-Informatics	CSE213, CSE222	3