



Stamford University Bangladesh
Department of Computer Science and Engineering

(According to New Syllabus)

L:4,T:3					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	CSE 333	Computer Peripherals & Interfacing	3.00	3.00 – 0.00	
2.	CSE 334	Computer Peripherals & Interfacing Sessional	1.50	0.00 – 3.00	
3.	CSI 439	Information System Management	3.00	3.00 – 0.00	
4.	ORE 103	Professional Orientation	1.50	-----	
5.	CSE 400	Project & Thesis	Continuation	-----	
		Total Credit Hour	9.00+	6.00 – 3.00+	

L:4,T:2					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	CSI 413	Computer Graphics	3.00	3.00 – 0.00	
2.	CSI 414	Computer Graphics Sessional	1.50	0.00 – 3.00	
3.	CSI 483	Machine Learning	3.00	3.00 – 0.00	
4.	CSE 400	Project & Thesis	Continuation	-----	
		Total Credit Hour	7.50+	6.00 – 3.00+	

L:4,T:1					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	CSI 411	Compiler	3.00	3.00 – 0.00	
2.	CSI 412	Compiler Sessional	1.50	0.00 – 3.00	
3.	CSI 311	Visual and Internet Programming	3.00	3.00 – 0.00	CSI 217
4.	CSI 312	Visual and Internet Programming Sessional	1.50	0.00 – 3.00	
5.	CSE 400	Project & Thesis	5.50	-----	
		Total Credit Hour	14.50-	6.00 – 6.00+	

L:3,T:3

	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	CSE 453	Network Security	3.00	3.00 – 0.00	
2.	CSI 331	Software Engineering	3.00	3.00 – 0.00	
3.	CSI 332	Software Engineering Sessional	1.50	0.00 – 3.00	
4.	CSI 313	Operating System	3.00	3.00 – 0.00	
5.	CSI 314	Operating System Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	12.00	9.00 – 6.00	

L:3,T:2

	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	MATH 337	Mathematical Analysis for Computer Science	3.00	3.00 – 0.00	MATH 113
2.	ENG 137	Technical Writing and Communication	3.00	3.00 – 0.00	
3.	CSE 415	Computer Network	3.00	3.00 – 0.00	
4.	CSE 416	Computer Network Sessional	1.50	0.00 – 3.00	
5.	CSI 323	System Analysis and Design	3.00	3.00 – 0.00	
6.	CSI 324	System Analysis and Design Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:3,T:1

	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	CSE 335	Data Communication	3.00	3.00 – 0.00	
2.	MATH 327	Numerical Methods	3.00	3.00 – 0.00	
3.	CSI 421	Artificial Intelligence and Expert System	3.00	3.00 – 0.00	
4.	CSI 422	Artificial Intelligence and Expert System Sessional	1.50	0.00 – 3.00	
5.	CSI 233	Advanced Programming	3.00	3.00 – 0.00	CSI 217
6.	CSI 234	Advanced Programming Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:2,T:3					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	CSI 315	Theory of Computing	3.00	3.00 – 0.00	
2.	MATH 319	Fourier Analysis and Laplace Transformation	3.00	3.00 – 0.00	MATH 113
3.	CSE 327	Microprocessor and Interfacing	3.00	3.0 – 0.00	
4.	CSE 328	Microprocessor and Interfacing Sessional	1.50	0.0 – 3.00	
5.	CSI 223	Database Management System	3.00	3.0 – 0.00	
6.	CSI 224	Database Management System Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:2,T:2					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	ECON 319	Economics	3.00	3.00 – 0.00	
2.	MATH 237	Matrix and Differential Equation	3.00	3.00 – 0.00	MATH 113
3.	CSE 233	Computer Organization and Architecture	3.00	3.00 – 0.00	CSE 133
4.	CSE 234	Computer Organization and Architecture Sessional	1.50	0.00 – 3.00	
5.	CSI 231	Algorithms	3.00	3.00 – 0.00	CSI 123
6.	CSI 232	Algorithms Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:2,T:1					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	ACCT 227	Accounting	3.00	3.00 – 0.00	
2.	MATH 225	Coordinate Geometry And Vector Calculus	3.00	3.00 – 0.00	MATH 113
3.	CSE 213	Digital Electronics and Pulse Technique	3.00	3.00 – 0.00	EEE 195
4.	CSE 214	Digital Electronics and Pulse Technique Sessional	1.50	0.00 – 3.00	
5.	CSI 217	Object Oriented Programming	3.00	3.00 – 0.00	CSI 123
6.	CSI 218	Object Oriented Programming Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:1,T:3					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	ENGL 102	Public Speaking	3.00	3.00– 0.00	
2.	SOC 113	Bangladesh Studies	3.00	3.00– 0.00	
3.	CSE 133	Digital Logic Design	3.00	3.00– 0.00	
4.	CSE 134	Digital Logic Design Sessional	1.50	0.00– 3.00	
5.	CSI 221	Data Structure	3.00	3.00– 0.00	CSI 123
6.	CSI 222	Data Structure Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:1,T:2					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	ENGL 101	Composition	3.00	3.00 – 0.00	
2.	MATH 113	Differential and Integral Calculus	3.00	3.00 – 0.00	
3.	EEE 195	Electronics	3.00	3.00 – 0.00	EEE 193
4.	EEE 196	Electronics Sessional	1.50	0.00 – 3.00	
5.	CSI 123	Structured Programming Language	3.00	3.00 – 0.00	CSI 115
6.	CSI 124	Structured Programming Language Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	15.00	12.00 – 6.00	

L:1,T:1					
	Course Code	Course Title	Credit Hour	Contact Hour	Pre-requisite
1.	ORE 101	Freshman Orientation	0.50	-----	
2.	ORE 102	Continuous Orientation	2.00	-----	
3.	ENGL 100	English Fundamentals	3.00	3.00 – 0.00	
4.	MATH 135	Discrete Mathematics	3.00	3.00 – 0.00	
5.	PHY 217	Physics	3.00	3.00 – 0.00	
6.	EEE 193	Electrical Circuit and Devices	3.00	3.00 – 0.00	
7.	CSI 115	Computer and Programming Concept	3.00	3.00 – 0.00	
8.	CSI 116	Computer and Programming Concept Sessional	1.50	0.00 – 3.00	
		Total Credit Hour	16.00/19.00+	12.00+ –3.00	