

**European University of Bangladesh**  
 Department of Computer Science and Engineering  
 Course offer for Evening  
 Semester: Fall, 2020

Sl.No	Course Name	Contact Hours/Week		Credit	Pre requisite	Teacher's Name
		Theory	Sessional			
<b>First Year First Semester(B-17) 1</b>						
ENG-101	Foundation English	3.00	-	3.00	N/A	
ECO-201	Engineering Economics	3.00	-	3.00	N/A	
CSE-121	Structure Programming Language	3.00	-	3.00	N/A	
CSE-122	Structure Programming Language Sessional		1.50	1.50	N/A	
MTH-101	Mathematics-I (Differential and Integral Calculus)	3.00	-	3.00	N/A	
Total Credit=				13.50		

<b>First Year Second Semester(B-16) 2</b>						
MTH-103	Mathematics-II (Ordinary and Partial Differential Equations)	3.00	-	3.00	MTH-101	
PHY-101	Physics	3.00	-	3.00	N/A	
PHY-102	Physics Sessional		1.50	1.50	N/A	
CSE-123	Discrete Mathematics	3.00	-	3.00	N/A	
EEE-101	Introduction to Electrical Engineering	3.00	-	3.00	N/A	
EEE-102	Introduction to Electrical Engineering Sessional		1.50	1.50	N/A	
Total Credit=				15.00		

<b>First Year Third Semester (B-15) 3</b>						
			<b>2 sec</b>			
ACT-201	Financial & Managerial Accounting	3.00	-	3.00		
MTH-105	Mathematics-III (Matrices, Vector Analysis and Fourier Series)	3.00	-	3.00		
CSE-131	Data Structures	3.00	-	3.00	CSE-121	
CSE-132	Data Structures Sessional		1.50	1.50	CSE-122	
EEE-103	Electronics Device and Circuits	3.00	-	3.00	N/A	
EEE-104	Electronics Device and Circuits Sessional		1.50	1.50	N/A	
Total Credit=				15.00		

<b>Second Year First Semester ( B-14) 4</b>						
MTH-207	Mathematics-IV (Complex Variable and Laplace Transform)	3.00	-	3.00		
CSE-211	Object Oriented Programming Language	3.00	-	3.00	CSE-121	
CSE-212	Object Oriented Programming Language Sessional	-	1.50	1.50	CSE-122	
EEE-201	Electrical Drives and Instrumentation	3.00	-	3.00		
EEE-202	Electrical Drives and Instrumentation Sessional		1.50	1.50		
CSE-235	Computer Architecture	3.00	-	3.00	CSE-131	
Total Credit=				15.00		

<b>Second Year Second Semester( B-13) 5</b>						
CSE-221	Algorithms	3.00	-	3.00	CSE-121,123	
CSE-222	Algorithms Sessional		1.50	1.50		
CSE-223	Database Management Systems	3.00	-	3.00		
CSE-224	Database Management Systems Sessional		1.50	1.50		
CSE-133	Numerical Methods	3.00	-	3.00	MTH-103	
CSE-344	Advanced Object Oriented Programming Sessional		1.50	1.50		
Total Credit=				13.50		

<b>Second Year Third Semester (B-12) 6</b>						
			2 sec			
CSE-315	Theory of Computing	3.00	-	3.00	CSE-221,222	
CSE-231	Operating Systems	3.00		3.00	CSE-221	
CSE-232	Operating Systems Sessional		1.50	1.50		
CSE-233	System Analysis and Design	3.00	-	3.00	CSE-223	
CSE-234	System Analysis and Design Sessional		1.50	1.50		
CSE-213	Digital Logic Design	3.00	-	3.00	N/A	
CSE-214	Digital Logic Design Sessional		1.50	1.50	N/A	
Total Credit=				16.50		

<b>Third Year First Semester (B-11) 7</b>						
MGT-201	Industrial and Operational Management	3.00	-	3.00		
CSE-321	Software Engineering and Information System Design	3.00	-	3.00	CSE-233	
CSE-322	Software Engineering and Information System Design Sessional	-	1.50	1.50		
CSE-323	Compiler	3.00	-	3.00	CSE-315	
CSE-324	Compiler Sessional	-	1.50	1.50		
CSE-313	Microprocessors and Microcontroller	3.00	-	3.00	CSE-236	
CSE-314	Microprocessors and Microcontroller Sessional	-	1.50	1.50		
Total Credit=				16.50		

<b>Third Year Second Semester ( B-10) 8</b>						
CSE 317	Data Communication	3.00	-	3.00		
CSE-331	Computer Network	3.00	-	3.00	CSE-221	
CSE-332	Computer Network Sessional	-	1.50	1.50		
CSE-335	Computer Graphics	3		3.00	MTH-221, 207	
CSE-336	Computer Graphics Sessional		1.50	1.50		
CSE-341	VLSI Design	3		3.00	CSE-331	
CSE-342	VLSI Design Sessional		1.50	1.50		
Total Credit=				16.50		

<b>Third Year Third Semester ( B-9) 9</b>						
CSE-311	Artificial Intelligence	3.00	-	3.00		
CSE-312	Artificial Intelligence Sessional	-	1.50	1.50		
CSE-417	Project Management	2.00	-	2.00		
CSE-459	Internet of Things	3.00	-	3.00		
CSE-453	Digital Image Processing	3.00	-	3.00		
CSE-400	Project / Thesis (Mid-term)	3.00	-	3.00		*p
CSE-400	Project / Thesis (Final-term)	3.00	-	3.00		
Total Credit=				18.50		

<b>Fourth Year First Semester ( B-8) 10</b>						
CSE-400	Project / Thesis (9 <sup>th</sup> Semester)	3.00	-	3.00 [+3]		
CSE-453	Digital Image Processing	3.00	-	3.00		
Total Credit=						

Md. ObaidurRahman  
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