Bangladesh Army University of Science & Technology (BAUST), Saidpur B.Sc. Engineering in Computer Science & Engineering (CSE)

List of Courses (Syllabus 2021, Batch 12-Batch 21)

Separate		Arts & Science Department	Cr.		Option I (3.0+0.75=3.75 Credits)	Cr.
Section 1975 Sect	ENG 1127	<u> </u>		CSE 4123	* * *	3.0
Section Sect	ENG 1228	Developing English Skill Sessional	0.75	CSE 4124		0.75
Section Properties Proper						3.0
Section Programme						0.75
Section Properties Proper						3.0
Page			2.0			0.75
Section Procession Section						3.0
SEE 1199						0.75
MATH 11 Differential Cachelas, Integral Calculus, Integral Calculus, and Coordinate Country 150 150 151						3.0
MATH 124 Voter-Culturs, Liarred Agree of Compter Vortice 150		•				0.75
MATH 1217 Ventre Cackedon, Linear Algebra and Complex Variable MATH 1247 Layer Tansformation and Protect Analysis Section Secti						3.0
MATHE 17						0.75
Transport Tran					•	3.0
Department of EEE 161	MATH 2247	·				0.75
			30.5			3.0
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BEB 1169 Electronic Circuits September Septemb	_		3.0	CSE 4121	•	3.0
BEE 1279						0.75
EBE 1279						3.0
EBE 2290 Electrical Direva and Instrumentation						0.75
Internation						3.0
						0.75
Math						3.0
Department TPE	=		3.0			0.75
			5.0			3.0
Department of CE	_		3.0		•	0.75
CE 120						3.0
Section	_		0.75	CSE 4172	· ·	0.75
CSE 1100						3.0
SES 1100			10.75		•	0.75
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SEE 1249						0.75
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CSE 3203 Operating System 3.0 CSE 3204 Operating System Sessional 1.5 CSE 3205 Computer Networks 3.0 ID: CSE 3206 Computer Networks Sessional 1.5 CSE 3207 Mathematical Analysis for Computer Science 3.0 CSE 3209 Information System Design 3.0 CSE 3210 Information System Design Sessional 0.75 CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4104 Computer Graphics Sessional 0.75 CSE 4105 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0	CSE 3202	Artificial Intelligence Sessional	0.75		Total Credits	161.0
CSE 3204 Operating System Sessional 1.5 CSE 3205 Computer Networks 3.0 ID: CSE 3206 Computer Networks Sessional 1.5 CSE 3207 Mathematical Analysis for Computer Science 3.0 Student Name: CSE 3209 Information System Design 3.0 Contact No: CSE 3210 Information System Design Sessional 0.75 Contact No: CSE 4100 Industrial Training 1.0 Computer Security 3.0 CSE 4101 Computer Security Sessional 0.75 Computer Graphics 3.0 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4104 Computer Graphics Sessional 0.75 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0	CSE 3203	Operating System	3.0			
CSE 3205 Computer Networks 3.0 ID: CSE 3206 Computer Networks Sessional 1.5 CSE 3207 Mathematical Analysis for Computer Science 3.0 CSE 3209 Information System Design 3.0 CSE 3210 Information System Design Sessional 0.75 CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0	CSE 3204					
CSE 3206 Computer Networks Sessional 1.5 CSE 3207 Mathematical Analysis for Computer Science 3.0 CSE 3209 Information System Design 3.0 CSE 3210 Information System Design Sessional 0.75 CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4105 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0	CSE 3205	Computer Networks			ID:	
CSE 3207 Mathematical Analysis for Computer Science 3.0 Student Name: CSE 3209 Information System Design 3.0 CSE 3210 Information System Design Sessional 0.75 CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0		-				
CSE 3209 Information System Design 3.0 CSE 3210 Information System Design Sessional 0.75 CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0		-		Student No	ame:	
CSE 3210 Information System Design Sessional 0.75 Contact No: CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0				Stadelit 140	 -	
CSE 4100 Industrial Training 1.0 CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0				Contact	No:	
CSE 4101 Computer Security 3.0 CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0				Contact	110.	
CSE 4102 Computer Security Sessional 0.75 CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0						
CSE 4103 Computer Graphics 3.0 CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0						
CSE 4104 Computer Graphics Sessional 0.75 CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0						
CSE 4215 Professional Issues and Ethics for Computer Science 2.0 CSE 4000 Project / Thesis 6.0						
CSE 4000 Project / Thesis 6.0						
Core Total Creatis 96.751		Core Total Credits	96.75			

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Bangladesh Army University of Science & Technology (BAUST), Saidpur B.Sc. Engineering in Computer Science & Engineering (CSE)

Level and Term Wise Courses (Syllabus 2021, Batch 12-Batch 21)

Level 1, Term	Level 1, Term I Cr.			II	Cr.		
CSE 1100	Introduction to Computer System Sessional	1.5	CSE 1201	Discrete Mathematics	3.0		
CSE 1101	Structured Programming Language	3.0	CSE 1203	Object Oriented Programming Language I	3.0		
CSE 1102	Structured Programming Language Sessional	1.5	CSE 1204	Object Oriented Programming Language I Sessional	1.5		
EEE 1163	Introduction to Electrical Engineering	3.0	CSE 1208	Numerical Methods Sessional	1.5		
EEE 1164	Introduction to Electrical Engineering Sessional	1.5	EEE 1269	Electronic Circuits	3.0		
MATH 1141	Differential Calculus, Integral Calculus, and Coordinate Geometry	3.0	EEE 1270	Electronic Circuits Sessional	0.75		
PHY 1131	Physics	3.0	ENG 1228	Developing English Skill Sessional	0.75		
PHY 1132	Physics Sessional	0.75	MATH 1243	Ordinary Differential Equations and Partial Differential Equations	3.0		
ENG 1127	English	3.0	CE 1250	Engineering Drawing and CAD Sessional	0.75		
	Semester Total Credits:	20.25	HUM 1221	Bengali Language and Literature	2.0		
				Semester Total Credits	: 19.25		
Level 2, Term	I		Level 2, Term	II			
CSE 2100	Software Development Project I	0.75	CSE 2201	Data Structures and Algorithm II	3.0		
CSE 2101	Digital Logic Design	3.0	CSE 2202	Data Structures and Algorithm II Sessional	1.5		
CSE 2102	Digital Logic Design Sessional	1.5	CSE 2203	Theory of Computation	3.0		
CSE 2103	Data Structures and Algorithm I	3.0	CSE 2205	Database Management Systems	3.0		
CSE 2104	Data Structures and Algorithm I Sessional	1.5	CSE 2206	Database Management Systems Sessional	1.5		
CSE 2105	Applied Statistics for Computer Science	3.0	EEE 2269	Electrical Drives and Instrumentation	3.0		
CSE 2108	Object Oriented Programming Language II Sessional	1.5	EEE 2270	Electrical Drives and Instrumentation Sessional	0.75		
CHEM 2133	Chemistry	3.0	MATH 2247	Laplace Transformation and Fourier Analysis	3.0		
MATH 2145	Vector Calculus, Linear Algebra and Complex Variable	3.0	HUM 2221	History of the Emergence of Bangladesh	2.0		
	Semester Total Credits:	20.25		Semester Total Credits			
		<u></u>					
Level 3, Term	I		Level 3, Term	II			
CSE 3100	Software Development Project II	0.75	CSE 3200	Web Engineering Project	1.5		
CSE 3101	Software Engineering	3.0	CSE 3201	Artificial Intelligence	3.0		
CSE 3102	Software Engineering Sessional	0.75	CSE 3202	Artificial Intelligence Sessional	0.75		
CSE 3103	Microprocessors, Microcontrollers and Embedded Systems	3.0	CSE 3203	Operating System	3.0		
CSE 3104	Microprocessors, Microcontrollers and Embedded Systems Sessional	0.75	CSE 3204	Operating System Sessional	1.5		
CSE 3105	Computer Architecture	3.0	CSE 3205	Computer Networks	3.0		
CSE 3107	Data Communication	3.0	CSE 3206	Computer Networks Sessional	1.5		
CSE 3109	Compiler	3.0	CSE 3207	Mathematical Analysis for Computer Science	3.0		
CSE 3110	Compiler Sessional	0.75	CSE 3209	Information System Design	3.0		
ME 3181	Basic Mechanical Engineering	3.0	CSE 3210	Information System Design Sessional	0.75		
	Semester Total Credits:	21.00		Semester Total Credits	: 21.00		
Level 4, Term I			Level 4, Term II				
CSE 4000	Project/Thesis*	3.0	CSE 4000	Project/Thesis*	3.0		
CSE 4100	Industrial Training	1.0	HUM 4273	Financial, Cost and Managerial Accounting	2.0		
CSE 4101	Computer Security	3.0	IPE 4297	Industrial Management	3.0		
CSE 4102	Computer Security Sessional	0.75	CSE 4215	Professional Issues and Ethics for Computer Science	2.0		
CSE 4103	Computer Graphics	3.0	CSE 42XX	CSE Option III	3.0		
CSE 4104	Computer Graphics Sessional	0.75	CSE 42XX	CSE Option III Sessional	0.75		
HUM 4123	Engineering Economics	2.0	CSE 42XX	CSE Option IV	3.0		
CSE 41XX	CSE Option I	3.0	CSE 42XX	CSE Option IV Sessional	0.75		
CSE 41XX	CSE Option I Sessional	0.75					
CSE 41XX	CSE Option II	3.0					
CSE 41XX	CSE Option II Sessional	0.75					
	Semester Total Credits:	21.00		Semester Total Credits	: 17.5		

ID:

Student Name:

Contact No: