Bangladesh University of Engineering and Technology
Department of Department of Computer Science and Engineering

Statement of Courses and Grades
for the Award of the Degree of
Bachelor of Science in Computer Science and Engineering

Name : Nazia Afreen

Student No. : **1605015**   Total Credits Earned : **160.0**   CGPA : **3.9**

Date of Completing Degree Requirements : 18-May-2022   Session of First Enrollment : 2015-16

Major Group : N/A   Minor Group : N/A

Name of the Adviser : Dr. Mahmuda Naznin

Credits Earned and Grades Obtained in Courses Taken from Each Group of Subjects

Core Courses [Min Requirement : 61 course(s) Completed : 61 course(s)]							
L/T	**Course No.**	**Course Title**	**CrHr**	**Grade**	**Term**	**Equivalent Course and Grade**	
L-1/T-I	CSE 101	Structured Programming Language	3.0	**A**	January, 2017		✓
	CSE 102	Structured Programming Language Sessional	1.5	**A+**	January, 2017		✓
	EEE 163	Introduction to Electrical Engineering	3.0	**B+**	January, 2017		✓
	EEE 164	Introduction to Electrical Engineering Sessional	1.5	**A**	January, 2017		✓
	MATH 145	Differential Calculus, Integral Calculus, and Coordinate Geometry	3.0	**A+**	January, 2017		✓
	ME 165	Basic Mechanical Engineering	3.0	**A+**	January, 2017		✓
	ME 174	Mechanical Engineering Drawing and CAD	1.5	**A+**	January, 2017		✓
	PHY 102	Physics Sessional	1.5	**A**	January, 2017		✓
	PHY 109	Heat and Thermodynamics. Electricity and Magnetism, Waves and Oscillations and Mechanics	4.0	**A+**	January, 2017		✓
L-1/T-II	CHEM 113	Chemistry	3.0	**A+**	July, 2017		✓
	CHEM 114	Inorganic Quantitative Analysis	1.5	**A**	July, 2017		✓
	CSE 103	Discrete Mathematics	3.0	**A+**	July, 2017		✓
	CSE 107	Object Oriented Programming Language	3.0	**A**	July, 2017		✓
	CSE 108	Object Oriented Programming Language Sessional	1.5	**A+**	July, 2017		✓
	HUM 172	Developing English Skills Sessional	1.5	**A**	July, 2017		✓
	HUM 183	English	3.0	**A**	July, 2017		✓
	MATH 147	Ordinary Differential Equations (ODE), Partialy Differential Equations (PDE) and Vector Calculus	4.0	**A**	July, 2017		✓
L-2/T-I	CSE 203	Data Structures and Algorithms I	3.0	**A+**	January, 2018		✓
	CSE 204	Data Structures and Algorithms I Sessional	1.5	**A+**	January, 2018		✓
	CSE 205	Digital Logic Design	3.0	**A+**	January, 2018		✓
	CSE 206	Digital Logic Design Sessional	1.5	**A+**	January, 2018		✓
	CSE 218	Numerical Methods	2.0	**A+**	January, 2018		✓
	EEE 263	Electronic Circuits	4.0	**B+**	January, 2018		✓
	EEE 264	Electronic Circuits Sessional	1.5	**A**	January, 2018		✓
	MATH 245	Complex Variable and Statistics	3.0	**A+**	January, 2018		✓
L-2/T-II	CSE 207	Data Structures and Algorithms II	3.0	**A+**	July, 2018		✓
	CSE 208	Data Structures and Algorithms II Sessional	1.5	**A+**	July, 2018		✓
	CSE 211	Theory of Computation	3.0	**A+**	July, 2018		✓
	CSE 215	Database	3.0	**A**	July, 2018		✓
	CSE 216	Database Sessional	1.5	**A**	July, 2018		✓
	EEE 269	Electrical Drives and Instrumentation	3.0	**A+**	July, 2018		✓
	EEE 270	Electrical Drives and Instrumentation Sessional	1.5	**A+**	July, 2018		✓
	MATH 247	Linear Algebra, Laplace Transformation and Fourier Analysis	4.0	**A+**	July, 2018		✓

L/T	Course No.	Course Title	CrHr	Grade	Term	Equivalent Course and Grade	
L-3/T-I	CSE 300	Technical Writing and Presentation	0.75	**B+**	January, 2019		✓
	CSE 305	Computer Architecture	3.0	**A**	January, 2019		✓
	CSE 306	Computer Architecture Sessional	0.75	**A+**	January, 2019		✓
	CSE 307	Software Engineering	3.0	**A+**	January, 2019		✓
	CSE 308	Software Engineering Sessional	0.75	**A+**	January, 2019		✓
	CSE 309	Compiler	3.0	**A+**	January, 2019		✓
	CSE 310	Compiler Sessional	0.75	**A+**	January, 2019		✓
	CSE 311	Data Communication	3.0	**A+**	January, 2019		✓
	CSE 315	Microprocessors, Microcontrollers, and Embedded Systems	3.0	**A+**	January, 2019		✓
	CSE 316	Microprocessors, Microcontrollers, and Embedded Systems Sessional	1.5	**A+**	January, 2019		✓
L-3/T-II	CSE 301	Mathematical Analysis for Computer Science	3.0	**S**	January, 2020		✓
	CSE 313	Operating System	3.0	**S**	January, 2020		✓
	CSE 314	Operating System Sessional	1.5	**S**	January, 2020		✓
	CSE 317	Artificial Intelligence	3.0	**S**	January, 2020		✓
	CSE 318	Artificial Intelligence Sessional	0.75	**S**	January, 2020		✓
	CSE 321	Computer Networks	3.0	**S**	January, 2020		✓
	CSE 322	Computer Networks Sessional	1.5	**S**	January, 2020		✓
	CSE 325	Information System Design	3.0	**S**	January, 2020		✓
	CSE 326	Information System Design Sessional	0.75	**S**	January, 2020		✓
L-4/T-I	CSE 400	Project and Thesis	3.0	**X**	January, 2021		✓
	CSE 405	Computer Security	3.0	**A+**	January, 2021		✓
	CSE 406	Computer Security Sessional	0.75	**A+**	January, 2021		✓
	CSE 408	Software Development	1.5	**A+**	January, 2021		✓
	CSE 409	Computer Graphics	3.0	**A**	January, 2021		✓
	CSE 410	Computer Graphics Sessional	0.75	**A+**	January, 2021		✓
	HUM 475	Engineering Economics	3.0	**A+**	January, 2021		✓
L-4/T-II	CSE 400	Project and Thesis	3.0	**A+**	July, 2021		✓
	HUM 473	Financial, Cost, and Managerial Accounting	2.0	**A+**	July, 2021		✓
	IPE 493	Industrial Management	3.0	**A+**	July, 2021		✓

Optional Courses [Min Requirement : 2 course(s) Completed : 2 course(s)]

L/T	Course No.	Course Title	CrHr	Grade	Term	Equivalent Course and Grade	
L-4/T-I	CSE 421	Basic Graph Theory	3.0	---	-----------		X
	CSE 423	Fault Tolerant Systems	3.0	---	-----------		X
	CSE 425	Human Computer Interaction	3.0	---	-----------		X
	CSE 453	High Performance Database System	3.0	**A+**	January, 2021		✓
	CSE 457	Wireless Networks	3.0	---	-----------		X
	CSE 459	Communication Systems	3.0	---	-----------		X
	CSE 463	Introduction to Bioinformatics	3.0	**A+**	January, 2021		✓
	CSE 465	Semantics of Programming Languages	3.0	---	-----------		X
	CSE 467	Software Architecture	3.0	---	-----------		X
	EEE 463	Optical Communications	3.0	---	-----------		X
	EEE 465	Telecommunication Systems	3.0	---	-----------		X

Optional Courses [Min Requirement : 4 course(s) Completed : 4 course(s)]

L/T	Course No.	Course Title	CrHr	Grade	Term	Equivalent Course and Grade	

L/T	Course No.	Course Title	CrHr	Grade	Term	Equivalent Course and Grade	
L-4/T-II	CSE 411	Simulation and Modeling	3.0	**A**	July, 2021		✓
	CSE 412	Simulation and Modeling Sessional	0.75	**A+**	July, 2021		✓
	CSE 413	High Performance Computing	3.0	---	-----------		X
	CSE 414	High Performance Computing Sessional	0.75	---	-----------		X
	CSE 415	Real-time Embedded Systems	3.0	---	-----------		X
	CSE 416	Real-time Embedded Systems Sessional	0.75	---	-----------		X
	CSE 461	Algorithm Engineering	3.0	---	-----------		X
	CSE 462	Algorithm Engineering Sessional	0.75	---	-----------		X
	CSE 471	Machine Learning	3.0	**A+**	July, 2021		✓
	CSE 472	Machine Learning Sessional	0.75	**A+**	July, 2021		✓
	CSE 473	Pattern Recognition	3.0	---	-----------		X
	CSE 474	Pattern Recognition Sessional	0.75	---	-----------		X
	CSE 475	Robotics	3.0	---	-----------		X
	CSE 476	Robotics Sessional	0.75	---	-----------		X
	CSE 481	VLSI Design	3.0	---	-----------		X
	CSE 482	VLSI Design Sessional	0.75	---	-----------		X
	CSE 483	Interfacing	3.0	---	-----------		X
	CSE 484	Interfacing Sessional	0.75	---	-----------		X
	CSE 485	Digital Signal Processing	3.0	---	-----------		X
	CSE 486	Digital Signal Processing Sessional	0.75	---	-----------		X
	CSE 487	Mobile Applications Development	3.0	---	-----------		X
	CSE 488	Mobile Applications Development Sessional	0.75	---	-----------		X

Optional Courses [Min Requirement : 1 course(s) Completed : 1 course(s)]

L/T	Course No.	Course Title	CrHr	Grade	Term	Equivalent Course and Grade	
L-4/T-II	HUM 411	Business Law	2.0	**A+**	July, 2021		✓
	HUM 477	Sociology for Science and Technology	2.0	---	-----------		X
	HUM 479	Government	2.0	---	-----------		X
	HUM 481	Entrepreneurship for IT Business	2.0	---	-----------		X

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Date   Signature of the Student

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Adviser's Checklist
(Please check all the boxes)

☐ Has earned a minimum of 160.0 credits **(Earned 160.0 credits).**

☐ Has earned a minimum GPA of 2.20 **(Earned 3.9).**

☐ Has earned credits in all compulsory courses.

☐ Has earned credits in all required optional courses.

☐ Has fullfilled all the above requirements within the stipulated maximum period of 7 academic sessions from the date of first enrollment or within the permitted time **(Completed 4 sessions).**

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Signature of the Adviser   Counter Signature of Head of the Department
Date :   Date :