EAST WEST UNIVERSITY

Date of Issue: 16 September 2021

Issued to: Student

Name : **Sakil Sarker**

Student ID: 2017-2-60-079

Degree Objective: **B.Sc. in Computer Science and Engineering**

Course	Title of the Course	cr	grd	gp	gpacr
2017 Summer					
CSE105	Structured Programming	4	B	12.00	4
ENG101	Basic English	3	B-	8.10	3
MAT101	Differential & Integral Calculus	3	C-	5.10	3
	CGPA: 2.52	Term GPA:		2.52	

Course	Title of the Course	cr	grd	gp	gpacr
2017 Fall					
CSE107	Object Oriented Programming	4	A	16.00	4
ENG102	Composition and Communication Skills	3	B-	8.10	3
MAT102	Differential Equations & Special Functions	3	B	9.00	3
	CGPA: 2.92	Term GPA:		3.31	

Course	Title of the Course	cr	grd	gp	gpacr
2018 Spring					
CSE109	Electrical Circuits	4	B+	13.20	4
MAT104	Co-ordinate Geometry & Vector Analysis	3	B-	8.10	3
PHY109	Engineering Physics-I	4	A-	14.80	4
	CGPA: 3.05	Term GPA:		3.28	

Course	Title of the Course	cr	grd	gp	gpacr
2018 Summer					
CHE109	Engineering Chemistry-I	4	B+	13.20	4
CSE205	Discrete Mathematics	3	A	12.00	3
MAT205	Linear Algebra & Complex Variables	3	A-	11.10	3
	CGPA: 3.19	Term GPA:		3.63	

Course	Title of the Course	cr	grd	gp	gpacr
2018 Fall					
CSE225	Numerical Methods	4	A-	14.80	4
CSE248	Signals and Systems	3	A-	11.10	3
GEN226	Emergence of Bangladesh	3	A	12.00	3
STA102	Statistics and Probability	3	A	12.00	3
	CGPA: 3.34	Term GPA:		3.84	

Course	Title of the Course	cr	grd	gp	gpacr
2019 Spring					
CSE207	Data Structures	4	A	16.00	4
ECO101	Principles of Microeconomics	3	A	12.00	3
GEN225	Demography and Economic Statistics	3	A	12.00	3
PHY209	Engineering Physics-II	3	A	12.00	3
	CGPA: 3.47	Term GPA:		4.00	

Course	Title of the Course	cr	grd	gp	gpacr
2019 Summer					
CSE245	Algorithms	4	A	16.00	4
CSE301	Database Systems	4	A	16.00	4
ECO102	Introduction to Macroeconomics	3	B+	9.90	3
	CGPA: 3.52	Term GPA:		3.81	

Course	Title of the Course	cr	grd	gp	gpacr
2019 Fall					
CSE251	Electronic Circuits	4	B+	13.20	4
CSE325	Operating Systems	4	A	16.00	4
CSE350	Data Communications	3	A	12.00	3
GEN209	Introduction to Social Psychology	3	A-	11.10	3
	CGPA: 3.55	Term GPA:		3.74	

Course	Title of the Course	cr	grd	gp	gpacr
2020 Spring					
CSE345	Digital Logic Design	4	A	16.00	4
CSE365	Artificial Intelligence	4	B	12.00	4
CSE405	Computer Networks	4	B-	10.80	4
	CGPA: 3.52	Term GPA:		3.23	

Course	Title of the Course	cr	grd	gp	gpacr
2020 Summer					
CSE360	Computer Architecture	3	B-	8.10	3
CSE375	Compiler Design	3	A	12.00	3
CSE475	Machine Learning	3	A	12.00	3
CSE498	Social & Professional Issues in Computing	3	A	12.00	3
	CGPA: 3.53	Term GPA:		3.68	

Course	Title of the Course	cr	grd	gp	gpacr
2020 Fall					
CSE442	Microprocessors and Microcontrollers	4	A	16.00	4
CSE477	Data Mining	3	A-	11.10	3
CSE480	Web Database Programming	4	A-	14.80	4
CSE497	Thesis/Project	4	A+	16.00	4
	CGPA: 3.57	Term GPA:		3.86	
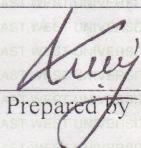
Course	Title of the Course	cr	grd	gp	gpacr
2021 Spring					
CSE411	Software Engineering and Information System Design	4	B	12.00	4
CSE420	Computer Graphics	3	B+	9.90	3
CSE464	Advanced Database System	3	A	12.00	3
	CGPA: 3.56	Term GPA:		3.39	

Summary: grade points 501.50
gpa credits: 141   credits earned: 141   CGPA 3.56
Minimum credits required for the degree: 140
********************* End of Transcript *********************

Prepared by

Verified by

(Issued by)
Controller of Examinations

Transcript Details

Accreditation: East West University has been accredited by the Government of the People's Republic of Bangladesh, and its curricula as well as programs have been approved by the University Grants Commission of Bangladesh. The President of the People's Republic of Bangladesh is the Chancellor of East West University. The Vice-Chancellor is an appointee of the President of the Country in his capacity as the Chancellor of the University.

Medium of Instruction: English is the officially approved medium of instruction in East West University.

Academic Calendar: Trimester System.
Spring: January- April, 14 weeks
Summer: May- August, 14 weeks
Fall: September- December, 14 weeks

Grading System: 0.00 to 4.00 point scale

Grades	Numerical Scores	Meaning	Grade Value
A+	97 - 100	Excellent	4.0
A	90 - below 97	Excellent	4.0
A-	87 - below 90	Excellent	3.7
B+	83 - below 87	Good	3.3
B	80 - below 83	Good	3.0
B-	77 - below 80	Good	2.7
C+	73 - below 77	Satisfactory	2.3
C	70 - below 73	Satisfactory	2.0
C-	67 - below 70	Satisfactory	1.7
D+	63 - below 67	Poor	1.3
D	60 - below 63	Poor	1.0
F	below 60	Failure	0.0

Following grades are not counted in CGPA calculation:

Grades		Meaning	Grade Value
I	=	Incomplete	0.0
P	=	Pass	0.0
R	=	Retake	0.0
S	=	Satisfactory	0.0
W	=	Withdrawal	0.0
WV	=	Waiver	

- This transcript shows the grade for each course and a cumulative result for all courses for which the student was enrolled in East West University.

- Credits accepted as transfer from other universities are counted towards degree, except for CGPA calculation.

- A minimum Cumulative Grade Point Average (CGPA) of 2.00 is required for Graduation in Undergraduate Programs.

- Cumulative Grade Point Average (CGPA) is calculated by total grade points (gp) divided by total GPA Credits (gpa_cr) or credits attempted. Grade Point (gp)= credit x grade value. Grade Point is not shown in the transcript.

- Incase of retaken courses, only the better grades have been counted in the CGPA calculation.

Award	CGPA
Gold Medal	3.90 ~ 4.00 (within four years time)
	This criteria was valid upto the year 2003
Gold Medal	3.97 ~ 4.00 (within four years time)
	This criteria is valid for the year 2004 and onward.
Gold Medal	3.99 ~ 4.00 (within four years time)
	This criteria is valid for the year 2008 and onward.
Summa Cum Laude	3.90 ~ 4.00
Magna Cum Laude	3.80 ~ 3.89
Cum Laude	3.75 ~ 3.79

Authenticity:

- Official Transcripts are printed on security papers with security measures of : UV (Ultra Violet), Micro Text Line, Integrated Graphics Design, Holographic Foil, Embossed Logo, Temper Protected QR code, MICR Security code. The face of this document has a light blue background and the name of the university appears in small blue type print across the face of the document.

- EWU Transcripts are issued with an embossed seal of East West University and the signature of the Controller of the Examinations. In absence of Controller of the Examinations, Deputy Controller of the Examinations/ Additional Registrar is authorized to sign the Official Transcripts.

- This transcript cannot be released to a third party without the written consent of the student.

If and when in doubt as to the authenticity of this transcript, please do not hesitate to contact the Office of the Controller of Examinations, East West University, Plot No. A/2, Jahurul Islam City, Aftabnagar, Dhaka 1212, Bangladesh. Phone: 09666775577 Ext.-341