



EAST WEST UNIVERSITY


OFFICIAL TRANSCRIPT

 OFFICE OF THE
 CONTROLLER OF EXAMINATIONS

Date of Issue: 09 October 2023

Issued to: Student

Name : **Nazia Tabassum Natasha**
 EWU ID: 2019-1-60-202 Unique ID: 0091910005101202
 Degree Objective: **B.Sc. in Computer Science and Engineering**

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|----------------------------------|-----------------------|-----|-------|-------|
| 2019 Spring | | | | | |
| CSE103 | Structured Programming | 4.5 | A- | 16.65 | 4.5 |
| ENG101 | Basic English | 3 | A | 12.00 | 3 |
| MAT101 | Differential & Integral Calculus | 3 | A | 12.00 | 3 |
| CGPA: 3.87 | | Term GPA: 3.87 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|--|-----------------------|-----|-------|-------|
| 2019 Summer | | | | | |
| CSE106 | Discrete Mathematics | 3 | A- | 11.10 | 3 |
| ENG102 | Composition and Communication Skills | 3 | A- | 11.10 | 3 |
| MAT102 | Differential Equations & Special Functions | 3 | A- | 11.10 | 3 |
| CGPA: 3.79 | | Term GPA: 3.70 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|-------------------|--|-----------------------|-----|-------|-------|
| 2019 Fall | | | | | |
| CSE110 | Object Oriented Programming | 4.5 | W | 0.00 | 0 |
| GEN209 | Introduction to Social Psychology | 3 | B- | 8.10 | 3 |
| MAT104 | Co-ordinate Geometry & Vector Analysis | 3 | A | 12.00 | 3 |
| PHY109 | Engineering Physics-I | 4 | B | 12.00 | 4 |
| CGPA: 3.59 | | Term GPA: 3.21 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|-----------------------------|-----------------------|-----|-------|-------|
| 2020 Spring | | | | | |
| CHE109 | Engineering Chemistry-I | 4 | B+ | 13.20 | 4 |
| CSE110 | Object Oriented Programming | 4.5 | A- | 16.65 | 4.5 |
| STA102 | Statistics and Probability | 3 | B+ | 9.90 | 3 |
| CGPA: 3.56 | | Term GPA: 3.46 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|------------------------------------|-----------------------|-----|-------|-------|
| 2020 Summer | | | | | |
| CSE200 | Computer-Aided Engineering Drawing | 1 | A | 4.00 | 1 |
| CSE207 | Data Structures | 4 | B- | 10.80 | 4 |
| ECO101 | Principles of Microeconomics | 3 | B+ | 9.90 | 3 |
| GEN226 | Emergence of Bangladesh | 3 | B+ | 9.90 | 3 |
| CGPA: 3.47 | | Term GPA: 3.15 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|-------------------|------------------------------------|-----------------------|-----|-------|-------|
| 2020 Fall | | | | | |
| CSE209 | Electrical Circuits | 4 | B+ | 13.20 | 4 |
| MAT205 | Linear Algebra & Complex Variables | 3 | A | 12.00 | 3 |
| PHY209 | Engineering Physics-II | 3 | B | 9.00 | 3 |
| CGPA: 3.46 | | Term GPA: 3.42 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|------------------------|-----------------------|-----|-------|-------|
| 2021 Spring | | | | | |
| BUS231 | Business Communication | 3 | A- | 11.10 | 3 |
| CSE246 | Algorithms | 4.5 | B+ | 14.85 | 4.5 |
| CSE251 | Electronic Circuits | 4 | A | 16.00 | 4 |
| CGPA: 3.49 | | Term GPA: 3.65 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|-------------------------|-----------------------|-----|-------|-------|
| 2021 Summer | | | | | |
| CSE325 | Operating Systems | 4 | B | 12.00 | 4 |
| CSE345 | Digital Logic Design | 4 | A | 16.00 | 4 |
| CSE366 | Artificial Intelligence | 4 | B+ | 13.20 | 4 |
| CGPA: 3.48 | | Term GPA: 3.43 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------|---------------------|----|-----|----|-------|
|--------|---------------------|----|-----|----|-------|

| Course | Title of the Course | cr | grd | gp | gpacr |
|-------------------|-----------------------|-----------------------|-----|-------|-------|
| 2021 Fall | | | | | |
| CSE302 | Database Systems | 4.5 | B+ | 14.85 | 4.5 |
| CSE350 | Data Communications | 4 | B+ | 13.20 | 4 |
| CSE360 | Computer Architecture | 3 | R | 0.00 | 0 |
| CGPA: 3.47 | | Term GPA: 3.30 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|--|-----------------------|-----|-------|-------|
| 2022 Spring | | | | | |
| CSE347 | Information System Analysis and Design | 4 | R | 0.00 | 0 |
| CSE405 | Computer Networks | 4 | B+ | 13.20 | 4 |
| CSE479 | Web Programming | 4 | B+ | 13.20 | 4 |
| CGPA: 3.45 | | Term GPA: 3.30 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|--------------------------------|-----------------------|-----|-------|-------|
| 2022 Summer | | | | | |
| CSE400A | Capstone Project (Part 1 of 3) | 1 | A | 4.00 | 1 |
| CSE407 | Green Computing | 3 | B | 9.00 | 3 |
| CSE412 | Software Engineering | 4 | B- | 10.80 | 4 |
| CSE464 | Advanced Database System | 4 | A- | 14.80 | 4 |
| CGPA: 3.43 | | Term GPA: 3.22 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|-------------------|--|-----------------------|-----|-------|-------|
| 2022 Fall | | | | | |
| CSE360 | Computer Architecture | 3 | A- | 11.10 | 3 |
| CSE400B | Capstone Project (Part 2 of 3) | 2 | B+ | 6.60 | 2 |
| CSE430 | Software Testing and Quality Assurance | 4 | A- | 14.80 | 4 |
| CSE487 | Computer and Cyber Security | 3 | A | 12.00 | 3 |
| CGPA: 3.45 | | Term GPA: 3.71 | | | |

| Course | Title of the Course | cr | grd | gp | gpacr |
|--------------------|--|-----------------------|-----|-------|-------|
| 2023 Spring | | | | | |
| CSE347 | Information System Analysis and Design | 4 | A- | 14.80 | 4 |
| CSE400C | Capstone Project (Part 3 of 3) | 3 | A | 12.00 | 3 |
| CSE489 | Mobile Programming | 4 | A- | 14.80 | 4 |
| CSE495 | IT Project Management and Entrepreneurship | 3 | A | 12.00 | 3 |
| CGPA: 3.49 | | Term GPA: 3.83 | | | |

Summary: grade points 488.90
gpa credits: 140 credits earned: 140 CGPA 3.49

Minimum credits required for the degree: 140.0

***** End of Transcript *****

Prepared by

Verified by

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 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.
- In case 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.
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- 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