# Ahsanullah University of Science and Technology
(Sponsored by the Dhaka Ahsania Mission and approved by the Government of the People's Republic of Bangladesh)

## TRANSCRIPT OF ACADEMIC RECORD

| | |
|---|---|
| Name | : G. M. Shahariar |
| Registration Number | : 140204027 |
| Degree Awarded | : *Bachelor of Science in Computer Science and Engineering* |
| Date of Completion of the Degree Requirements | : *22 December 2018* |
| Cumulative Grade Point Average (CGPA) earned | : *3.973* |

### GRADING SYSTEM

| Numerical Equivalent | Letter Grade | Grade Point | Numerical Equivalent | Letter Grade | Grade Point |
|---|---|---|---|---|---|
| 80% and above | A+ | 4.00 | 55% to less than 60% | B- | 2.75 |
| 75% to less than 80% | A | 3.75 | 50% to less than 55% | C+ | 2.50 |
| 70% to less than 75% | A- | 3.50 | 45% to less than 50% | C | 2.25 |
| 65% to less than 70% | B+ | 3.25 | 40% to less than 45% | D | 2.00 |
| 60% to less than 65% | B | 3.00 | Less than 40% | F | 0 |

| Extraordinary Status | Letter Grade | Extraordinary Status | Letter Grade |
|---|---|---|---|
| Withheld | W | Exempted | E |

$$\text{Grade Point Average} = \frac{\Sigma \ (C \times G)}{\Sigma \ (C)}$$

Summation of (Number of credits in a course x Grade Point earned in that course)

$$= \frac{}{\text{Total number of credits earned}}$$

Maximum attainable Grade Point Average (GPA) = 4.00

CGPA required for Dean's list of Honor = 3.75

Minimum CGPA required for award of degree = 2.20

### 1st YEAR / 1st SEMESTER / 2014-2015 (Fall 2014)

| Course No. | Course Title | Cr. Hr. | Grade Final | Grade Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| HUM1107 | Critical Thinking and Communication | 3 | A+ | | Promoted to First Year Second Semester |
| MATH1115 | Mathematics-I | 3 | A+ | | |
| PHY1115 | Physics | 3 | A+ | | |
| CHEM1115 | Chemistry | 3 | A | | |
| CSE1101 | Elementary Structured Programming | 3 | B+ | | |
| HUM1108 | English Language Sessional | 1.5 | A+ | | |
| PHY1116 | Physics Lab. | 0.75 | B+ | | |
| CSE1102 | Elementary Structured Programming Lab. | 1.5 | A+ | | |
| CSE1108 | Introduction to Computer Systems | 1.5 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 3.824074 |
| | | | | CGPA: 3.824074 |

### 1st YEAR / 2nd SEMESTER / 2014-2015 (Spring 2015)

| Course No. | Course Title | Cr. Hr. | Grade Final | Grade Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| MATH1219 | Mathematics-II | 3 | A+ | | Promoted to Second Year First Semester |
| ME1211 | Basic Mechanical Engineering | 3 | A+ | | |
| EEE1241 | Basic Electrical Engineering | 3 | A+ | | |
| CSE1203 | Discrete Mathematics | 3 | A+ | | |
| CSE1205 | Object Oriented Programming | 3 | A+ | | |
| ME1214 | Engineering Drawing | 0.75 | A+ | | |
| EEE1242 | Basic Electrical Engineering Lab. | 1.5 | A+ | | |
| CSE1200 | Software Development-I | 1.5 | A+ | | |
| CSE1206 | Object Oriented Programming Lab. | 1.5 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 4.000000 |
| | | | | CGPA: 3.912037 |

### 2nd YEAR / 1st SEMESTER / 2015-2016 (Fall 2015)

| Course No. | Course Title | Cr. Hr. | Grade Final | Grade Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| HUM2109 | Society, Ethics and Technology | 3 | A+ | | Promoted to Second Year Second Semester |
| MATH2101 | Mathematics-III | 3 | A+ | | |
| EEE2141 | Electronic Devices & Circuits | 3 | A+ | | |
| CSE2103 | Data Structures | 3 | A+ | | |
| CSE2105 | Digital Logic Design | 3 | A+ | | |
| EEE2142 | Electronic Devices & Circuits Lab. | 1.5 | A+ | | |
| CSE2100 | Software Development-II | 0.75 | A+ | | |
| CSE2104 | Data Structures Lab. | 1.5 | A+ | | |
| CSE2106 | Digital Logic Design Lab. | 1.5 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 4.000000 |
| | | | | CGPA: 3.941358 |

### 2nd YEAR / 2nd SEMESTER / 2015-2016 (Spring 2016)

| Course No. | Course Title | Cr. Hr. | Grade Final | Grade Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| MATH2203 | Mathematics-IV | 3 | A+ | | Promoted to Third Year First Semester |
| CSE2201 | Numerical Methods | 3 | A+ | | |
| CSE2207 | Algorithms | 3 | A+ | | |
| CSE2209 | Digital Electronics and Pulse Techniques | 3 | A+ | | |
| CSE2213 | Computer Architecture | 3 | A+ | | |
| CSE2200 | Software Development-III | 0.75 | A+ | | |
| CSE2202 | Numerical Methods Lab. | 0.75 | A+ | | |
| CSE2208 | Algorithms Lab. | 1.5 | A+ | | |
| CSE2210 | Digital Electronics & Pulse Techniques Lab. | 0.75 | A+ | | |
| CSE2214 | Assembly Language Programming | 1.5 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 4.000000 |
| | | | | CGPA: 3.956018 |

| | |
|---|---|
| Prepared by : *faruk* | Verified by : |
| Date : 26-12-2018 | Date : 26/12/18 |

Controller of Examinations
Ahsanullah University of Science and Technology

# Ahsanullah University of Science and Technology

(Sponsored by the Dhaka Ahsania Mission and approved by the Government of the People's Republic of Bangladesh)

## TRANSCRIPT OF ACADEMIC RECORD

Name : G. M. Shahariar

Registration Number : 140204027

### 3rd YEAR / 1st SEMESTER / 2016-2017 (Fall 2016)

| Course No. | Course Title | Cr. Hr. | Final | Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| HUM3115 | Economics and Accounting | 3 | A+ | | Promoted to Third Year Second Semester |
| CSE3101 | Mathematical Analysis for Computer Scienc | 3 | A+ | | |
| CSE3103 | Database | 3 | A+ | | |
| CSE3107 | Microprocessors | 3 | A+ | | |
| CSE3109 | Digital System Design | 3 | A+ | | |
| CSE3100 | Software Development-IV | 0.75 | A+ | | |
| CSE3104 | Database Lab. | 1.5 | A+ | | |
| CSE3108 | Microprocessors Lab. | 0.75 | A+ | | |
| CSE3110 | Digital System Design Lab. | 0.75 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 4.000000 |
| | | | | CGPA: 3.964286 |

### 4th YEAR / 1st SEMESTER / 2017-2018 (Fall 2017)

| Course No. | Course Title | Cr. Hr. | Final | Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| IPE4111 | Industrial Management | 3 | A+ | | Promoted to Fourth Year Second Semester |
| CSE4101 | Computer Networks | 3 | A+ | | |
| CSE4107 | Artificial Intelligence | 3 | A+ | | |
| CSE4125 | Distributed Database Systems | 3 | A+ | | |
| CSE4129 | Formal Languages & Compilers | 3 | A+ | | |
| CSE4100 | Project and Thesis-I | 3 | A+ | | |
| CSE4102 | Computer Networks Lab. | 1.5 | A+ | | |
| CSE4108 | Artificial Intelligence Lab. | 0.75 | A+ | | |
| CSE4126 | Distributed Database Systems Lab. | 0.75 | A+ | | |
| CSE4130 | Formal Languages & Compilers Lab. | 0.75 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 4.000000 |
| | | | | CGPA: 3.969251 |

### (blank semester)

| Course No. | Course Title | Cr. Hr. | Final | Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| | | | | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: |
| | | | | CGPA: |

### 3rd YEAR / 2nd SEMESTER / 2016-2017 (Spring 2017)

| Course No. | Course Title | Cr. Hr. | Final | Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| HUM3207 | Industrial Law & Safety Management | 3 | A+ | | Promoted to Fourth Year First Semester |
| CSE3211 | Data Communication | 3 | A+ | | |
| CSE3213 | Operating System | 3 | A | | |
| CSE3215 | Microcontroller Based System Design | 3 | A+ | | |
| CSE3223 | Information Sys. Design & Software Engg. | 3 | A+ | | |
| CSE3200 | Software Development-V | 0.75 | A+ | | |
| CSE3214 | Operating System Lab. | 1.5 | A+ | | |
| CSE3216 | Microcontroller Based System Design Lab. | 0.75 | A+ | | |
| CSE3224 | Informa. Sys. Design & Software Engg. Lab. | 0.75 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 3.960000 |
| | | | | CGPA: 3.963608 |

### 4th YEAR / 2nd SEMESTER / 2017-2018 (Spring 2018)

| Course No. | Course Title | Cr. Hr. | Final | Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| CSE4203 | Computer Graphics | 3 | A+ | | Completed all requirements of B. Sc. Degree in Computer Science and Engineering |
| CSE4213 | Pattern Recognition | 3 | A+ | | |
| CSE4225 | Network Programming | 3 | A+ | | |
| CSE4227 | Digital Image Processing | 3 | A+ | | |
| CSE4255 | Telecommunication | 3 | A+ | | |
| CSE4250 | Project and Thesis-II | 3 | A+ | | |
| CSE4204 | Computer Graphics Lab. | 0.75 | A+ | | |
| CSE4214 | Pattern Recognition Lab. | 0.75 | A+ | | |
| CSE4226 | Network Programming Lab. | 0.75 | A+ | | |
| CSE4228 | Digital Image Processing Lab. | 0.75 | A+ | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: 4.000000 |
| | | | | CGPA: 3.973256 |

### (blank semester)

| Course No. | Course Title | Cr. Hr. | Final | Clr./Imp. | Remarks |
|---|---|---|---|---|---|
| | | | | | |

**Carry Over Examination:**

| Course No. | Course Title | Cr. | Grade | |
|---|---|---|---|---|
| | | | | GPA: |
| | | | | CGPA: |

Prepared by : _Faruk_

Date : 26-12-2018

Verified by : _____

Date : 26/12/18

Controller of Examinations
Ahsanullah University of Science and Technology