# **Student Transcript**

#### **Fall 2021**

| Cr. Att:17 | Cr. Ernd:17 | CGPA:2.35 | SGPA:2.35 |
|------------|-------------|-----------|-----------|
|            |             |           |           |

| Code   | Course Name  | Section | CrdHrs | Grade | <b>Points</b> | Type Remarks |
|--------|--|---------|--------|-------|---------------|--------------|
| CL1000 | Introduction to Information and Communication Technology | BCS-1B  | 1      | C+    | 2.33          | Core         |
| CL1002 | Programming Fundamentals - Lab                           | BCS-1B2 | 1      | D     | 1             | Core         |
| CS1002 | Programming Fundamentals                                 | BCS-1B  | 3      | D     | 1             | Core         |
| MT1003 | Calculus and Analytical Geometry                         | BCS-1B  | 3      | B+    | 3.33          | Core         |
| NS1001 | Applied Physics  | BCS-1B  | 3      | C+    | 2.33          | Core         |
| SL1004 | English Composition and Comprehension - Lab              | BCS-1B2 | 1      | B+    | 3.33          | Core         |
| SS1002 | Islamic Studies/Ethics                                   | BCS-1B  | 3      | В-    | 2.67          | Core         |
| SS1004 | English Composition and Comprehension                    | BCS-1B2 | 2      | B-    | 2.67          | Core         |

### Spring 2022

Cr. Att:34 Cr. Ernd:34 CGPA:2.31 SGPA:2.27

| Code          | Course Name                                 | Section | CrdHrs | Grade | <b>Points</b> | Type Remarks |
|---------------|---|---------|--------|-------|---------------|--------------|
| CL1004        | Object Oriented Programming - Lab           | BCS-2B2 | 1      | C+    | 2.33          | Core         |
| CS1004        | Object Oriented Programming                 | BCS-2B  | 3      | C+    | 2.33          | Core         |
| EE1005        | Digital Logic Design                        | BCS-2B  | 3      | D+    | 1.33          | Core         |
| EL1005        | Digital Logic Design - Lab                  | BCS-2B2 | 1      | A+    | 4             | Core         |
| MT1006        | Differential Equations                      | BCS-2B  | 3      | C+    | 2.33          | Core         |
| <u>SL1008</u> | Communication and Presentation Skills - Lab | BCS-2B2 | 1      | В     | 3             | Core         |
| <u>SS1003</u> | Pakistan Studies                            | BCS-2B  | 3      | C     | 2             | Core         |
| SS1008        | Communication and Presentation Skills       | BCS-2B  | 2      | B-    | 2.67          | Core         |

### Fall 2022

Cr. Att:51 Cr. Ernd:51 CGPA:2.48 SGPA:2.81

| Code   | Course Name                                       | Section | CrdHrs | Grade | Points | Type     | Remarks |
|--------|---|---------|--------|-------|--------|----------|---------|
| CL2001 | Data Structures - Lab                             | BCS-3B2 | 1      | В     | 3      | Core     |         |
| CS1005 | Discrete Structures                               | BCS-3A  | 3      | В     | 3      | Core     |         |
| CS2001 | Data Structures                                   | BCS-3B  | 3      | C-    | 1.67   | Core     |         |
| EE2003 | Computer Organization and Assembly Language       | BCS-3A  | 3      | C-    | 1.67   | Core     |         |
| EL2003 | Computer Organization and Assembly Language - Lab | BCS-3A2 | 1      | C-    | 1.67   | Core     |         |
| MG4011 | Entrepreneurship                                  | BCS-3M  | 3      | A+    | 4      | Elective | !       |
| MT1004 | Linear Algebra                                    | BCS-3A  | 3      | A     | 4      | Core     |         |

## Spring 2023

Cr. Att:68 Cr. Ernd:68 CGPA:2.48 SGPA:2.49

| Code   | Course Name                       | Section | CrdHrs | Grade | <b>Points</b> | Type     | Remarks |
|--------|-----------------------------------|---------|--------|-------|---------------|----------|---------|
| CL2005 | Database Systems - Lab            | BCS-4B1 | 1      | В     | 3             | Core     |         |
| CL2006 | Operating Systems - Lab           | BCS-4B2 | 1      | C+    | 2.33          | Core     |         |
| CS2005 | Database Systems                  | BCS-4B  | 3      | A-    | 3.67          | Core     |         |
| CS2006 | Operating Systems                 | BCS-4B  | 3      | C     | 2             | Core     |         |
| CS2009 | Design and Analysis of Algorithms | BCS-4B  | 3      | D     | 1             | Core     |         |
| MG3033 | Principles of Leadership          | BCS-4B  | 3      | B-    | 2.67          | Elective |         |
| MT2005 | Probability and Statistics        | BCS-4B  | 3      | В     | 3             | Core     |         |
|        |                                   |         |        |       |               |          |         |

### Fall 2023

Cr. Att:84 Cr. Ernd:84 CGPA:2.65 SGPA:3.37

| Code      | <b>Course Name</b>           | Section | CrdHrs | Grade | <b>Points</b> | Type Remarks |
|-----------|------------------------------|---------|--------|-------|---------------|--------------|
| CL3001 Co | omputer Networks - Lab       | BCS-5E2 | 1      | A     | 4             | Core         |
| CS2008 Nu | ımerical Computing           | BCS-5B  | 3      | A+    | 4             | Core         |
| CS3001 Co | omputer Networks             | BCS-5E  | 3      | B+    | 3.33          | Core         |
| CS3004 Sc | ftware Design and Analysis   | BCS-5L  | 3      | A-    | 3.67          | Core         |
| CS3005 Th | eory of Automata             | BCS-5B  | 3      | C+    | 2.33          | Core         |
| SS2007 Te | chnical and Business Writing | BCS-5E  | 3      | B+    | 3.33          | Core         |

## Spring 2024

Cr. Att:99 Cr. Ernd:99 CGPA:2.64 SGPA:2.6

| Code   | Course Name                        | Section | CrdHrs | Grade | <b>Points</b> | Type     | Remarks |
|--------|------------------------------------|---------|--------|-------|---------------|----------|---------|
| CS3006 | Parallel and Distributed Computing | BCS-6L  | 3      | В-    | 2.67          | Core     |         |
| CS3009 | Software Engineering               | BCS-6E  | 3      | C+    | 2.33          | Core     |         |
| CS4036 | Software Testing                   | BCS-6A  | 3      | C     | 2             | Elective |         |
| CS4064 | Advance Database Concepts          | BCS-6A  | 3      | B-    | 2.67          | Elective |         |
| MT4031 | Operations Research                | BCS-6C  | 3      | B+    | 3.33          | Elective |         |

### Fall 2024

Cr. Att:115 Cr. Ernd:99 CGPA:2.64 SGPA:0

| Code      | Course Name                  | Section | CrdHrs | Grade | <b>Points</b> | Type     | Remarks |
|-----------|------------------------------|---------|--------|-------|---------------|----------|---------|
| AI2002 A  | rtificial Intelligence       | BCS-7A  | 3      | I     | 0             | Core     |         |
| AL2002 A  | rtificial Intelligence - Lab | BCS-7A1 | 1      | I     | 0             | Core     |         |
| CS3002 In | formation Security           | BCS-7G  | 3      | I     | 0             | Core     |         |
| CS4001 Pi | ofessional Practices in IT   | BCS-7B  | 3      | I     | 0             | Core     |         |
| CS4048 D  | ata Science                  | BCS-7B  | 3      | I     | 0             | Elective |         |
| CS4091 Fi | nal Year Project – I         | BCS-7A  | 3      | I     | 0             | Core     |         |