



NATIONAL UNIVERSITY OF SCIENCES AND TECHNOLOGY

ACADEMIC TRANSCRIPT (Undergraduate)

Name: **Muhammad Osama Nusrat**
 Degree: **Bachelor of Electrical Engineering**
 Campus: **School of Electrical Engineering
 and Computer Science, Islamabad**

Registration No: **00000221866**
 Date of Award: **09 July 2021**
 Date of Issue: **03 September 2021**

| COURSE CODE | TITLE | CRs | GRADE | GPs |
|---|--|---------------|-------|-------|
| 1st Semester (11 September 2017 – 19 January 2018) | | | | |
| CS-113 | Introduction to Programming | 2.0 | B+ | 07.00 |
| HU-100 | English | 2.0 | B | 06.00 |
| HU-107 | Pakistan Studies | 2.0 | B | 06.00 |
| MATH-101 | Calculus & Analytical Geometry | 3.0 | B | 09.00 |
| MATH-121 | Linear Algebra & ODEs | 3.0 | B | 09.00 |
| ME-104 | Engineering Drawing | 1.0 | C+ | 02.50 |
| PHY-101 | Applied Physics | 4.0 | C+ | 10.00 |
| Sem Cr: 17.00 | | Sem GPA: 2.91 | | |
| 2nd Semester (05 February 2018 - 08 June 2018) | | | | |
| CS-212 | Object Oriented Programming | 4.0 | C+ | 12.00 |
| EE-111 | Linear Circuit Analysis | 4.0 | D+ | 10.00 |
| HU-101 | Islamic Studies | 2.0 | B+ | 07.00 |
| MATH-106 | Multivariable & Vector Calculus | 3.0 | D+ | 04.50 |
| ME-100 | Engineering Mechanics | 3.0 | C | 06.00 |
| ME-105 | Workshop Practice | 1.0 | B+ | 03.50 |
| Cum Cr: 26.00 | | Cum GPA: 2.71 | | |
| Summer Semester (25 June 2018 – 17 August 2018) | | | | |
| CS-212 | Object Oriented Programming – Repeated | 4.0 | B | 12.00 |
| EE-111 | Linear Circuit Analysis – Repeated | 4.0 | C+ | 10.00 |
| Cum Cr: 34.00 | | Cum GPA: 2.72 | | |
| 3rd Semester (03 September 2018 – 04 January 2019) | | | | |
| CS-250 | Data Structures & Algorithms | 4.0 | C+ | 10.00 |
| EE-211 | Electrical Network Analysis | 4.0 | D+ | 10.00 |
| EE-221 | Digital Logic Design | 4.0 | D+ | 10.00 |
| MATH-232 | Complex Variables and Transforms | 3.0 | C+ | 07.50 |
| ME-102 | Thermodynamics | 2.0 | B | 06.00 |
| Cum Cr: 43.00 | | Cum GPA: 2.70 | | |
| 4th Semester (21 January 2019 – 24 May 2019) | | | | |
| EE-215 | Electronic Devices and Circuits | 4.0 | B | 12.00 |
| EE-222 | Microprocessor Systems | 4.0 | D+ | 06.00 |
| EE-232 | Signals and Systems | 4.0 | B | 12.00 |
| HU-109 | Communication Skills | 2.0 | B | 06.00 |
| MATH-361 | Probability & Statistics | 4.0 | D | 06.00 |
| Cum Cr: 57.00 | | Cum GPA: 2.67 | | |
| Summer Semester (10 June 2019 – 09 August 2019) | | | | |
| EE-211 | Electrical Network Analysis – Repeated | 4.0 | B+ | 14.00 |
| EE-221 | Digital Logic Design – Repeated | 4.0 | B | 12.00 |
| Cum Cr: 65.00 | | Cum GPA: 2.74 | | |
| 5th Semester (02 September 2019 – 03 January 2020) | | | | |
| EE-241 | Electromagnetic Field Theory | 3.0 | C+ | 07.50 |
| EE-260 | Electrical Machines | 4.0 | D+ | 10.00 |
| EE-313 | Electronic Circuit Design | 4.0 | C | 08.00 |
| EE-351 | Communication Systems | 4.0 | C+ | 10.00 |
| MATH-351 | Numerical Methods | 3.0 | C+ | 07.50 |
| Cum Cr: 79.00 | | Cum GPA: 2.67 | | |
| 6th Semester (20 January 2020 – 22 August 2020) | | | | |
| CO-130 | Engineering Economics | 2.0 | B | 06.00 |
| E-330 | Digital Signal Processing | 4.0 | B | 12.00 |
| E-379 | Control Systems | 4.0 | B | 12.00 |
| E-383 | Instrumentation and Measurements | 4.0 | B+ | 14.00 |
| E-461 | Power System Analysis and Design | 3.0 | B+ | 10.50 |
| Cum Cr: 96.00 | | Cum GPA: 2.77 | | |

| COURSE CODE | TITLE | CRs | GRADE | GPs |
|--|-------------------------------------|---------------|------------------|-------|
| 7th Semester (05 October 2020 – 12 February 2021) | | | | |
| EE-342 | Microwave Engineering | 4.0 | C | 08.00 |
| EE-369 | Power Electronics | 3.0 | B | 09.00 |
| EE-464 | Power Systems Protection | 3.0 | D+ | 04.50 |
| HU-212 | Technical & Business Writing | 2.0 | D+ | 03.00 |
| OTM-455 | Engineering Project Management | 2.0 | C+ | 05.00 |
| EE-260 | Electrical Machines – Repeated | 4.0 | C | 08.00 |
| Cum Cr: 114.00 | | Cum GPA: 2.66 | | |
| 8th Semester (15 February 2021 – 29 June 2021) | | | | |
| HU-222 | Professional Ethics | 2.0 | B | 06.00 |
| MGT-271 | Entrepreneurship | 2.0 | B+ | 07.00 |
| HRM-442 | Human Resource Management | 3.0 | B+ | 10.50 |
| EE-344 | Wave Propagation and Antennas | 4.0 | C+ | 10.00 |
| EE-499 | Final Year Project | 6.0 | B+ | 21.00 |
| MATH-361 | Probability & Statistics – Repeated | 3.0 | B | 09.00 |
| Cum Cr: 134.00 | Cum GPA: 2.74 | Status: | Degree Conferred | |

Additional Course Attended

CSL-401 Community Service Learning 2.0 Qualified

Note: Spring semester 2020 original duration was from 20 January 2020 to 22 May 2020, however, it was extended to 22 August 2020 due to COVID-19.

END OF TRANSCRIPT

Registrar