



# NATIONAL UNIVERSITY OF SCIENCES AND TECHNOLOGY

## ACADEMIC TRANSCRIPT (Undergraduate)

Name: **Moazam Mustafa Mughal**  
Degree: **Bachelor of Mechanical Engineering**  
Campus: **School of Mechanical and Manufacturing Engineering, Islamabad**

Registration No: **00000262888**  
Date of Award: **24 June 2022**  
Date of Issue: **31 May 2023**

**COURSE CODE** **TITLE** **CRs** **GRADE** **GP**

### 1st Semester (03 September 2018 – 04 January 2019)

CS-114	Fundamentals of Programming	3.0	B+	10.50
EE-106	Introduction to Engineering	1.0	B+	03.50
HU-100	English	2.0	A	08.00
HU-107	Pakistan Studies	2.0	A	08.00
MATH-101	Calculus and Analytical Geometry	3.0	A	12.00
ME-105	Workshop Practice	1.0	B+	03.50
ME-113	Engineering Mechanics-I Statics	3.0	A	12.00
PHY-102	Applied Physics	3.0	B+	10.50
<b>Sem Cr: 18.00</b>		<b>Sem GPA: 3.78</b>		

### 2nd Semester (21 January 2019 – 24 May 2019)

CH-109	Applied Chemistry	2.0	B	06.00
HU-101	Islamic Studies	2.0	B+	07.00
HU-109	Communication Skills	2.0	B+	07.00
MATH-121	Linear Algebra and ODEs	3.0	A	12.00
ME-109	Engineering Drawing	2.0	C+	05.00
ME-114	Engineering Mechanics-II Dynamics	3.0	A	12.00
ME-115	Engineering Mechanics Lab	1.0	A	04.00
ME-130	Thermodynamics-I	3.0	B+	10.50
<b>Cum Cr: 36.00</b>		<b>Cum GPA: 3.65</b>		

### 3rd Semester (02 September 2019 – 03 January 2020)

EE-103	Electrical Engineering	3.0	B	09.00
HU-122	Technical Report Writing and Presentation Skills	2.0	B	06.00
MATH-232	Complex Variables and Transforms	3.0	A	12.00
ME-210	Mechanics of Materials-I	3.0	B	09.00
ME-211	Computer Aided Drawing	1.0	A	04.00
ME-223	Advanced Workshop Practice	2.0	B+	07.00
ME-231	Thermodynamics-II	3.0	A	12.00
ME-232	Thermodynamics Lab	1.0	B	03.00
<b>Cum Cr: 54.00</b>		<b>Cum GPA: 3.58</b>		

### 4th Semester (20 January 2020 – 18 August 2020)

MATH-334	Numerical Analysis	3.0	B+	10.50
ME-212	Mechanics of Materials-II	3.0	A	12.00
ME-216	Mechanics of Material Lab	1.0	B+	03.50
ME-218	Machine Design-I	3.0	B	09.00
ME-221	Engineering Materials	3.0	A	12.00
ME-230	Fluid Mechanics-I	3.0	B+	10.50
<b>Cum Cr: 70.00</b>		<b>Cum GPA: 3.59</b>		

### 5th Semester (12 October 2020 – 19 February 2021)

EE-227	Electronics Engineering	3.0	B	09.00
ME-320	Machine Design-II	2.0	B+	07.00
ME-322	Manufacturing Processes	4.0	B+	14.00
ME-327	Instrumentation and Measurement	3.0	B	09.00
ME-330	Fluid Mechanics-II	3.0	A	12.00
ME-331	Heat and Mass Transfer	3.0	B+	10.50
ME-337	Fluid Mechanics Lab	1.0	A	04.00
<b>Cum Cr: 89.00</b>		<b>Cum GPA: 3.56</b>		

### 6th Semester (22 February 2021 – 25 June 2021)

MATH-361	Probability and Statistics	3.0	B+	10.50
ME-310	Mechanics of Machine	3.0	B+	10.50
ME-325	Engineering Economics	2.0	B	06.00
ME-326	Heating, Ventilating and Air Conditioning	3.0	A	12.00
ME-332	Heat Transfer and HVAC Lab	1.0	B	03.00
ME-339	Control Engineering	3.0	B+	10.50
RIME-222	Introduction to Mechatronics Design	2.0	B+	07.00
<b>Fundamentals</b>				
<b>Cum Cr: 106.00</b>		<b>Cum GPA: 3.55</b>		

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### 7th Semester (13 September 2021 – 14 January 2022)

ME-411	Introduction to Finite Element Analysis	3.0	B+	10.50
ME-421	Mechanical Vibrations	3.0	B+	10.50
ME-430	Power Plants	3.0	B+	10.50
ME-433	Mechanism and Mechanical Vibration Lab	1.0	A	04.00
ME-476	Engine Tribology	2.0	B+	07.00
MGT-270	Entrepreneurship	1.0	B	03.00
<b>Cum Cr: 119.00</b>		<b>Cum GPA: 3.54</b>		


### 8th Semester (31 January 2022 – 10 June 2022)

HU-222	Professional Ethics	2.0	B	06.00
ME-420	Project Management	2.0	C+	05.00
ME-424	Health, Safety and Environment	1.0	C+	02.50
ME-431	IC Engines and Power Plants Lab	1.0	B+	03.50
ME-439	Internal Combustion Engine	3.0	B	09.00
ME-492	Vehicle Design Performance	2.0	C+	05.00
ME-499	Final Year Project	6.0	B+	21.00
<b>Cum Cr: 136.00</b>		<b>Cum GPA: 3.48</b>		<b>Status: Degree Conferred</b>

### Additional Course Attended

MKT-221	International Business	3.0	B
CSL-401	Community Service Learning	2.0	Qualified
GMN-1	German Language- A1	2.0	Qualified

**Note:** Spring semester 2020 original duration was from 20 January 2020 to 22 May 2020; however, it was extended to 18 August 2020 due to COVID-19.  
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Registrar