



NATIONAL UNIVERSITY
of Computer & Emerging Sciences
www.nu.edu.pk

Student Name: **Farooq Ahmad**
Date of Birth: **December 23, 1998**
Univ. Reg. No: **17L-4407**

Roll No: **17L-4407**
Degree: **BS (Electrical Engineering)**
Specialization: **Computer Engineering**

Fall 2017

Code	CourseName	Crd	Pnt	Grd	Rmk
EE 116	Introduction to Computing	2	2.33	C+	
EE 211	Engineering Workshop	1	2.67	B-	
EL 116	Introduction to Computing - Lab	1	2.67	B-	
MT 117	Applied Calculus	3	2.67	B-	
NL 110	Physics for Engineers Lab	1	2.00	C	
NS 110	Physics for Engineers	3	2.67	B-	
SS 101	English Language	3	2.67	B-	
SS 113	Pakistan Studies	3	1.67	C-	

Credits Attempted: **17** GPA: **2.41**
Credits Earned: **17** CGPA: **2.41**

Spring 2018

Code	CourseName	Crd	Pnt	Grd	Rmk
CL 214	Programming Fundamentals - Lab	1	3.00	B	
CS 214	Programming Fundamentals	3	2.33	C+	
EE 115	Linear Circuit Analysis	3	1.33	D+	
EL 115	Linear Circuit Analysis - Lab	1	2.33	C+	
ME 101	Basic Mechanical Engineering	3	2.00	C	
ME 102	Engineering Drawing	1	2.33	C+	
MT 203	Differential Equations	3	2.00	C	
SS 111	Islamic and Religious Studies	3	2.33	C+	

Credits Attempted: **35** GPA: **2.09**
Credits Earned: **35** CGPA: **2.25**

Fall 2018

Code	CourseName	Crd	Pnt	Grd	Rmk
CL 210	Data Structures and Algorithms - Lab	1	3.00	B	
CS 210	Data Structures and Algorithms	3	2.00	C	
EE 225	Electronic Devices and Circuits	3	2.33	C+	
EE 228	Electrical Network Analysis	3	2.33	C+	
EL 225	Electronic Devices and Circuits - Lab	1	3.00	B	
EL 228	Electrical Network Analysis Lab	1	2.33	C+	
MT 104	Linear Algebra	3	1.67	C-	
MT 220	Complex Variables and Transforms	3	2.00	C	

Credits Attempted: **53** GPA: **2.18**
Credits Earned: **53** CGPA: **2.23**

Spring 2019

Code	CourseName	Crd	Pnt	Grd	Rmk
EE 221	Electro Mechanical Systems	3	2.33	C+	
EE 223	Signals and Systems	3	2.33	C+	
EE 227	Digital Logic Design	3	3.00	B	
EE 319	Probability and Random Processes	3	3.00	B	
EL 221	Electro Mechanical Systems Lab	1	3.33	B+	
EL 223	Signals and Systems Lab	1	3.33	B+	
EL 227	Digital Logic Design - Lab	1	3.00	B	
MT 306	Multivariable Calculus	3	2.67	B-	

Credits Attempted: **71** GPA: **2.76**
Credits Earned: **71** CGPA: **2.36**

Summer 2019

Code	CourseName	Crd	Pnt	Grd	Rmk
EE 223	Signals and Systems	3	3.67	A-	R-1
EL 223	Signals and Systems Lab	1	4.00	A	R-1

Credits Attempted: **71** GPA: **3.75**
Credits Earned: **71** CGPA: **2.43**

Fall 2019

Code	CourseName	Crd	Pnt	Grd	Rmk
EE 303	μ P Interfacing and Programming	3	2.67	B-	
EE 305	Electromagnetic Theory	3	3.00	B	
EE 323	Analogue and Digital Communication	3	3.00	B	
EE 431	Power System Analysis	3	2.33	C+	
EL 303	μ P Interfacing and Programming Lab	1	1.67	C-	
EL 323	Analogue and Digital Communication - Lab	1	2.00	C	
EL 431	Power System Analysis - Lab	1	3.00	B	
ME 201	Applied Thermodynamics	3	2.67	B-	

Credits Attempted: **89** GPA: **2.65**
Credits Earned: **89** CGPA: **2.47**

Spring 2020

Code	CourseName	Crd	Pnt	Grd	Rmk
CL 205	Operating Systems Lab	1	3.67	A-	
CS 205	Operating Systems	3	2.67	B-	
EE 215	Computer Organization and Architecture	3	2.67	B-	
EE 304	Feedback Control Systems	3	2.00	C	
EL 215	Comp. Organization and Architecture Lab	1	4.00	A	
EL 304	Feedback Control Systems Lab	1	4.00	A+	
MG 222	Engineering Economics	3	3.00	B	
SS 123	Communication Skills	3	3.33	B+	

Credits Attempted: **107** GPA: **2.93**
Credits Earned: **107** CGPA: **2.55**



NATIONAL UNIVERSITY
of Computer & Emerging Sciences
www.nu.edu.pk

Student Name: Farooq Ahmad

Roll No: 17L-4407

Fall 2020

Code	CourseName	Crd	Pnt	Grd	Rmk
EE 317	Data Communication and Networks	3	2.33	C+	
EE 419	Embedded Systems	3	2.33	C+	
EE 437	Applied Machine Learning	3		W	
EE 482	Project - I	3	4.00	A	
EL 317	Data Communication and Networks Lab	1	3.33	B+	
EL 419	Embedded Systems Lab	1	3.00	B	
MG 330	Engineering Management	3	2.67	B-	
SS 142	Technical Report Writing	3	2.67	B-	

Credits Attempted: 124 GPA: 2.84

Credits Earned: 124 CGPA: 2.59

Spring 2021

Code	CourseName	Crd	Pnt	Grd	Rmk
CL 213	Fundamentals of Databases - Lab	1	2.33	C+	
CS 213	Fundamentals of Databases	3	2.33	C+	
EE 327	Introduction to Internet of Things	3	2.00	C	
EE 483	Project - II	3	4.00	A	
MG 414	Entrepreneurship	3	2.67	B-	

Credits Attempted: 137 GPA: 2.72

Credits Earned: 137 CGPA: 2.60

CGPA Required:	2.00	Credits Required:	137	Credits Transferred:	0
CGPA Earned:	2.60	Degree Status:	Completed	Credits Earned:	137

Ehsan ul Haq

Controller Examinations

NATIONAL UNIVERSITY
of Computer & Emerging Sciences
Islamabad

October 04, 2021