



COMSATS University Islamabad

TRANSCRIPT

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Date: 06-Sep-2019

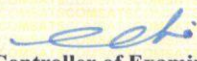
Certified that **ZARAR AHMED MALIK** s/o **WALI MUHAMMAD** Registration No. **CIIT/FA15-BCE-031/ISB** Department of **Electrical and Computer Engineering** has completed and passed all the requisite courses / examinations for the degree of **Bachelor of Science in Electrical (Computer) Engineering** , on **26th July 2019** , taught as a **Regular Mode** of study from **Islamabad Campus**.
Date of birth : 12-Feb-1994



The details of the courses passed are as follows:

Course Code	Semester / Course Title	Cr.	LG	CP	Course Code	Semester / Course Title	Cr.	LG	CP
Fall 2015					Fall 2017				
EEE113	Engineering Drawing	1	C+	2.3	EEE324	Digital Signal Processing	4	B-	10.8
HUM100	English Comprehension and Composition	3	B+	9.9	EEE343	Computer Organization	4	B+	13.2
HUM110	Islamic Studies	3	B+	9.9	EEE351	Principles of Communication Systems	4	B-	10.8
MEE102	Engineering Mechanics and Thermodynamics	3	C+	6.9	EEE371	Electric Machines	4	B+	13.2
MTH104	Calculus and Analytic Geometry	3	A-	11.1	EEE375	Power Distribution and Utilization	3	C+	6.9
PHY121 *	Applied Physics for Engineers	4	F	0.0	Spring 2018				
Spring 2016					EEE251	Probability Methods in Engineering	3	B	9.0
CSC141	Introduction to Computer Programming	4	C+	9.2	EEE314	Data Communication and Computer Networks	4	C	8.0
EEE241	Digital Logic Design	4	B-	10.8	EEE325	Control Systems	4	A-	14.8
MTH105	Multivariable Calculus	3	A-	11.1	EEE342	Microprocessor Systems and Interfacing	4	B-	10.8
MTH241	Ordinary Differential Equations	3	A	12.0	HUM111	Pakistan Studies	3	B	9.0
PHY121	Applied Physics for Engineers (<i>Repeated</i>)	4	B+	13.2	Fall 2018				
Fall 2016					CSC322	Operating Systems Concepts	3	B+	9.9
CSC241	Object Oriented Programming	4	B	12.0	EEE223	Signals and Systems (<i>Improved</i>)	4	A	16.0
EEE121	Electric Circuits Analysis I	4	B	12.0	EEE344	Digital System Design	4	B	12.0
EEE261	Electromagnetic Theory	3	B+	9.9	EEE440	Computer Architecture	3	A	12.0
MGT403	Entrepreneurship	3	B+	9.9	EEE490	Final Year Project (Part I)	1	B	3.0
MTH231	Linear Algebra	3	B-	8.1	HUM102	Report Writing Skills	3	A-	11.1
Spring 2017					MEE102 *	Engineering Mechanics and Thermodynamics (<i>Not Improved</i>)	3	C	6.0
CSC112	Algorithms and Data Structures	4	B+	13.2	Spring 2019				
ECO300	Engineering Economics	3	C+	6.9	CSC462	Artificial Intelligence	3	B-	8.1
EEE222	Electric Circuits Analysis II	4	A	16.0	EEE232	Electronics II	4	C+	9.2
EEE223 *	Signals and Systems	4	C-	6.8	EEE446	Real Time Embedded Systems	4	C	8.0
EEE231	Electronics I	4	B	12.0	EEE490	Final Year Project (Part II)	5	B	15.0
					MGT462	Project Planning and Management	3	C	6.0

Total Credit Hours Registered: **148**
* Discounted Credit Hours: **11**
Net Credit Hours Passed: **137**
Total CP: **413.2**
CGPA: **3.02**


Controller of Examinations

Errors/Omissions Excepted

(Please Turn Over)

