



# COMSATS University Islamabad

## TRANSCRIPT

0055794

Date: 12-Nov-2018

Certified that **ABID KARIM** s/o **GHULAM MURTAZA** Registration No. **CIIT/FA14-BCS-071/ATK** Department of **Computer Science** has completed and passed all the requisite courses / examinations for the degree of **Bachelor of Science in Computer Science** on **29th June 2018** from **Attock Campus**.



The details of the courses passed are as follows:

Course Code	Semester / Course Title	Cr.	LG	GP	Course Code	Semester / Course Title	Cr.	LG	GP
<b>Fall 2014</b>					<b>Fall 2016</b>				
CSC103	Introduction to Computers and Programming	4	A-	14.8	CSC322	Operating Systems Concepts	3	B+	9.9
EEE121	Electric Circuits Analysis I	4	B+	13.2	CSC339	Computer Communication and Networks	4	B+	13.2
HUM100	English Comprehension and Composition	3	B+	9.9	CSC350	Learning Management Systems	3	C-	5.1
HUM110	Islamic Studies	3	B-	8.1	CSC444	Visual Programming	3	A-	11.1
MTH104	Calculus and Analytic Geometry	3	A-	11.1	EEE440	Computer Architecture	3	B+	9.9
<b>Spring 2015</b>					MTH262*	Statistics and Probability Theory	3	D	3.9
CSC102	Discrete Structures	3	C+	6.9	<b>Spring 2017</b>				
CSC241	Object Oriented Programming	4	B	12.0	CSC312	Automata Theory	3	C	6.0
EEE231	Electronics I	4	B+	13.2	CSC332	Network Security	3	B+	9.9
HUM102	Report Writing Skills	3	A	12.0	CSC336	Web Engineering	4	A	16.0
HUM111	Pakistan Studies	3	B+	9.9	MGT131	Financial Accounting	3	B-	8.1
MTH105	Multivariable Calculus	3	B	9.0	MTH262	Statistics and Probability Theory ( <i>Improved</i> )	3	B	9.0
<b>Fall 2015</b>					MTH375	Numerical Computations	3	B	9.0
CSC211	Data Structures	4	A-	14.8	<b>Fall 2017</b>				
CSC271	Database Systems	4	A-	14.8	CSC314	Introduction to Machine Learning	3	B	9.0
EEE241	Digital Logic Design	4	B+	13.2	CSC441	Compiler Construction	4	C	9.0
HUM103	Communication Skills	3	A	12.0	CSC456*	Human Computer Interaction	3	D	3.9
MTH242	Differential Equations	3	C+	6.9	CSC462	Artificial Intelligence	3	C+	6.9
<b>Spring 2016</b>					CSC499	Project	2	A-	7.4
CSC110	Professional Practices (IT)	3	B	9.0	<b>Spring 2018</b>				
CSC201	Design and Analysis of Algorithms	3	C+	6.9	CSC344	Wireless and Mobile Computing	3	B+	9.9
CSC221	Computer Organization and Assembly Language	4	A-	14.8	CSC456	Human Computer Interaction ( <i>Improved</i> )	3	B	9.0
CSC291	Software Engineering I	3	B	9.0	CSC499	Project	4	B-	10.8
MGT101	Introduction to Management	3	A-	11.1	MGT403	Entrepreneurship	3	B-	8.1
MTH231	Linear Algebra	3	B	9.0					

Total Credit Hours Registered: 140  
 \* Discounted Credit Hours: 6  
 Net Credit Hours Passed: 134  
 Total GP: 417.9  
 CGPA: 3.12  
 Aggregate Weighted %: 77.87

  
 Controller of Examinations

Errors/Omissions Excepted

(Please Turn Over)