



# INTERNATIONAL ISLAMIC UNIVERSITY

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## TRANSCRIPT

Serial No. 025103

Registration No: 2568-FCS/BSCS/FI4

Roll No: 1507

Student's Name: Ghulam Abu Zar

Father's Name: Ghulam Ahmed

Faculty: Computer Sciences

Programme: 'Bachelor of Science in Computer Science'

Registered in: August, 2014

Completed in: July, 2018



Code	Course Title	Credit Hr Grade	Code	Course Title	Credit Hr Grade
Credit Courses					
BST103	Calculus and Analytical Geometry	3 B	CS-104	Object Oriented Programming	4 A
CS-101	Introduction to Computing	4 B	ENG-204	English-II (Communication Skills)	3 B
CS-301	Programming Fundamentals	4 A	MT-108	Probability and Statistics	3 B
ENG-104	English-I Functional English	3 B	SS-212	Economics	3 B+
MG-311	Psychology	3 A	ST-106	Multivariable Calculus	3 B
TSS-134	Islamic and Pakistan Studies	3 B	BS-212	Marketing	3 B
CS-203	Data Structure and Algorithms	4 A	CS-206	Introduction to Software Engineering	3 B+
CS-304	Digital Logic Design	3 B+	CS-208	Computer Organization and Assembly Language	3 A
ENG-110	Technical and Report Writing (English-III)	3 B+	CS-401	Operation System	3 B
EL-207	Basic Electronics	3 B+	CS-403	Introduction to Database Systems	3 B+
MATH-501	Linear Algebra	3 A	ST-210	Differential Equations	3 A
MG-312	Human Resource Management	3 B+	CS-302	Visual Programming (Lab)	3 B
CS-152	Financial Accounting	3 B+	CS-303	Compiler Construction	3 C+
CS-305	Theory of Automata as Formal Language	3 A	CS-304	Design and Analysis of Algorithms	3 A
CS-307	Computer Introduction	3 C+	CS-305	Numerical Computing	3 B+
CS-308	Human Computer Interaction	3 B	CS-308	Wireless Network	3 B
CS-309	Web Engineering	3 B	CS-310	Advance Java	3 A
CS-402	Computer Communication and Networks	3 B	CS-402	Professional Practice	3 B+
CS-308	Computer Graphics	3 C+	CS-406	IT Project	6 B
CS-409	Artificial Intelligence	3 B+	CS-309	Web Engineering-II	3 B+
IT-406	Network Security	3 B+			
MG-202	Financial Management	3 A			
CS-102	Discrete Structure	3 B			

Total Credit Hours: 136

Cumulative G.P.A: 3.25/4.00

Percentage of Marks: 81.25

Addl. Director (Examinations)

Director (Academics & Examinations)

Issued on: August 23, 2018

### KEY TO LETTER GRADES

80% and above A	75-79.5% B+	70-74.5% B	65-69.5% C+	60-64.5% C	55-59.5% D+	50-54.5% D	Below 50% F
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11 JUL 2025

Checked by Shabbir Ahmad  
Private Secretary



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03 JUL 2025

Attested  
Muhammad Jamal  
Registration Officer  
Higher Education Commission  
Government of Pakistan  
Islamabad