MUC UNIVERSITY
— COLLEGE OF TECHNOLOGY —

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MUC

Educators
since
1983

Applied Computer Science

Computer science is a discipline that involves the understanding and design of computers and computational processes. In its most general form it is concerned with the understanding of information transfer and transformation. Particular interest is placed on making processes efficient and endowing them with some form of intelligence. The discipline ranges from theoretical studies of algorithms to practical problems of implementation in terms of computational hardware and software.

Mobile Applications

Master the unique requirements and methodologies necessary for developing dedicated and client-server applications that target smartphones, tablet computers, and other mobile devices.

Software Engineering

Understand various software processes and how to select the most relevant one. Also use modern software development techniques and life cycles to elicit and specify clients' requirements.

Artificial Intelligence

Span a wide variety of topics at the forefront of computer science research, including areas such as machine learning, deep learning, robotics, planning, computer vision, natural language processing, etc...

Computer Networks

Refers to connected computing devices (such as laptops, desktops, servers, smartphones, and tablets) and an ever-expanding array of IOT devices (such as cameras, door locks and various sensors) that communicate with one another.

Jobs with CIS:

Software Engineer	Database Administrator	Web Developer	Data Science
Information Security Analysts	Network Engineer	Computer Hardware Engineer	Video Game Developer

Apply Now:

Scan the QR Code to access our Application Form.

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Courses Distributions Per Semester

YEAR 1
Credit per year 28

Semester 1			Semester 2			Semester 3		
Code	Cr.	Course Name	Code	Cr.	Course Name	Code	Cr.	Course Name
CSC 201	3	Computer Skills	MAT 350	3	Calculus III	BUS	3	Business Law
CSC203	3	Intro to Information Technology	CSC200	3	Intro to Programming	210	3	Free Elective
BUS 200	3	Business Skills	CCN201	3	Circuit Analysis I			
			CSC255	3	Computer Networks			
			CCN201L	1	Circuit Analysis 1 Lab			
Total	**9**		**Total**	**13**		**Total**	**6**	

YEAR 2
Credit per year 38

Semester 1			Semester 2			Semester 3		
Code	Cr.	Course Name	Code	Cr.	Course Name	Code	Cr.	Course Name
ENG 201	3	English Communication Skills	ENG202	3	Public Speaking	ARB 220	3	Arabic Communication Skills
CCN 220	3	Digital Systems	CSC210	3	Data Structure & Algo	MAT 360	3	Probability & Statistics
CSC250	3	Computer Architecture & Organization	CSC260	3	Introduction To Os	TECH229	1	Internship
CSC300	3	Database Systems	CSC310	3	Web Based Application Development			
CSC205	3	Advanced Programming		3	Specialization Course			
			MAT225	3	Differential Equations			
Total	**15**		**Total**	**18**		**Total**	**7**	

YEAR 3
Credit per year 30

Semester 1			Semester 2		
Code	Cr.	Course Name	Code	Cr.	Course Name
CSC305	3	System Analysis & Design	CSC499	3	Senior Project
	3	Specialization Course	MAT370	3	Discrete Structures
WLS202	3	Work & Life Skills		3	Specialization Course
	3	Specialization Course	ENG204	3	Rhetoric English
MAT205	3	Linear Algebra		3	Specialization Course
Total	**15**		**Total**	**15**	

Specialization Courses
(you can choose any of the followings)

Code	Credits	Course Name
CSC 256	3	Computer Networks II
CSC 265	3	Computer and Network Security
CSC 266	3	Network Administration
CSC 267	3	Client Server Programming
CSC 270	3	Artificial Intelligence
CSC 315	3	Data Warehouse and Data Mining
CSC 318	3	Advanced Web-based Application Development
CSC 319	3	Dot Net
CSC 320	3	Mobile Web and Application
CSC 322	3	Visual Programming
CCN 203	1	Engineering Workshop
CCN 204	1	Engineering Tools
CCN 320	3	Microprocessors and Microcontrollers
MAT 380	3	Numerical Methods
CSC206	3	Advanced Java
CSC222	1	Python Workshop
CIS425	3	VoIP System Design & Infrastructures
CSC 321	3	IT Project Management

Free Elective Courses
(you can choose any of the followings)

Code	Credits	Course Name
MSC200	3	Music
DRM200	3	Drama and Theater
PSY200	3	Introduction To Psychology
SOC200	3	Introduction To Sociology
ARB200	3	Arabic Culture
POL200	3	Introduction To Political Science
NUT200	3	Health and Nutrition
ART211	3	Photography
HTL240	3	Cooking
LAN201	3	Language course
ECT201	3	Physical Education
ARTS217	3	History of Arts