FUTURE UNIVERSITY IN EGYPT
جامعة المستقبل

Faculty of Economics & Political Science

Introduction to Computer

Information :

Course Code :	CSC 101	**Level :**	Undergraduate	**Course Hours :**	2.00- Hours
Department :	University Requirments				

Area Of Study :

Introduction to information technology: an introduction to digital world –The internet and the world wide Web: exploring Cyberspace –Software: tools for productivity and creativity –Hardware: CPU and storage system –Input and Output: taking charge of computing and communications –Communication, networks –Personal technology –Databases and information systems: digital engines for today's economy –Challenges of the digital age: society and information technology –System analysis and programming: software development, programming and languages.

Course Goals:
• Introduce to the world of computers and internet.
• Allow students to appreciate the importance of the field and its modern day challenges.
• Acquire working information about the computer and internet.
• Understand the importance of technology in building up economies.
• Assess the challenges facing the world in the digital age.

Description :

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Course outcomes :

a.Knowledge and Understanding: :	
1 -	Define computer literacy and understand its importance in contemporary society.
2 -	Identify, describe, and use various Internet technologies.
b.Intellectual Skills: :	
1 -	Analyze the uses of various types of computer software.
2 -	Criticize basic computer maintenance, troubleshooting, and upgrading.
c.Professional and Practical Skills: :	
1 -	Use multimedia to enhance the way a computer presents information.
2 -	Employ the functions of various computer hardware components.
d.General and Transferable Skills: :	
1 -	Evaluate the importance of computer and Internet security.

2 -	Explain networking concepts to set up and maintain a basic home network.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
An introduction to digital world	2	1	
The internet and the world wide Web: exploring Cyberspace	2	1	
Software: Tools for productivity and creativity	4	2	
Hardware: CPU and storage system	2	1	
Input and Output: taking charge of computing and communications	4	2	
Midterm Exam		1	
Communication, networks	2	1	
Personal technology	2	1	
Databases and information systems: digital engines for today's economy	4	2	
Challenges of the digital age: society and information technology	2	1	
System analysis and programming: software development, programming and languages	2	1	
Final Exam		1	

Teaching And Learning Methodologies :

Data show and computer in lectures
Demonstration videos
Group discussion
Research Paper

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Course Work (Attendance, Participation, Assignments, Quizzes, Research Paper…)	30.00		To assess understanding and theoretical background of the intellectual and practical skills.
Final Exam	40.00	15	assess knowledge and intellectual skills.
Midterm Exam	30.00	8	assess professional skills.

Books :

Book	Author	Publisher
Cambridge IGCSE® Computer Science Coursebook	Sarah Lawrey & Donald Scott	Cambridge University
No Book	no	no

Recommended books :

June Jamrich Parsons and Dan Oja, New Perspectives on Computer Concepts 2013: Introductory (15th Ed.), New Perspectives, 2012.