Faculty of Economics and 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:
˝Ántroduce to the world of computers and internet.
˝ÁAllow students to appreciate the importance of the field and its modern day challenges.
˝ÁAcquire working information about the computer and internet.
˝ÁUnderstand the importance of technology in building up economies.
˝ÁAssess the challenges facing the world in the digital age.

Description :

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 . Chalenges of the digital age: society and information technology . System analysis and programming: software development, programming and languages.

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.

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http://www.fue.edu.eg

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 Paperõ D	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
Computer fundamentals for technical students (Ebook)	Heisserer, Nick	LibreTexts

Recommended books :

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