

Course Description

Course Description

This course description provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he/she has made the most of the available learning opportunities. They must be match to the description of the program.

1. Educational Institution	Shatt Al-Arab University			
2. Scientific Department / Center	Management and Marketing of Oil and Gas			
3. Course name/code	Fundamentals of Computer Science / UN125			
4. Programme(s) to which it contributes	Management and Marketing of Oil and Gas			
5. Available forms of attendance	Lecture			
6. Semester/Year	2024/2025			
7. Number of study hours (total)	75 hours	Number of hours per week		
		theoretical	practical	Total
		1	2	3
8. Date of preparation of this description	1 – 9 - 2024			
9. Course Objectives: 1- This course provides an introduction to some of the basic principles of computers. 2- Introducing students to the most important computer tools. 3- Teaching students how to use some of the fundamentals of computers.				

10. Course Outcomes and Teaching Methods, Learning and Evaluation

A- Cognitive Objectives

- 1- Enabling the learner to acquire knowledge in using the computer.
- 2- Understanding how to use the fundamentals of computers.
- 3- Enabling the learner to gain sufficient knowledge in computer applications.

B- Skill-Based Objectives of the Course

- 1- Acquiring the ability to use computers.
- 2- Teaching the student all computer tools.

Teaching and learning methods

- 1- Theoretical lectures
- 2- Laboratory practice
- 3- Use of modern presentation devices
- 4- Homework assignments
- 5- Daily preparation

Evaluation Methods

- 1- Daily quizzes
- 2- Midterm exam
- 3- Presentations
- 4- Preparing daily assignments and participating in class discussions

C. Thinking Skills

Teaching and learning methods

- 1- Theoretical lectures
- 2- Laboratory practice
- 3- Use of modern presentation devices

- 4- Homework assignments
- 5- Daily preparation

Evaluation Methods

- 1- Daily quizzes
- 2- Midterm exam
- 3- Presentations
- 4- Preparing daily assignments and participating in class discussions

d. General and qualifying skills transferred (other skills related to employability and personal development).

11. Course Structure

Al , Week	Hours	Required Learning Outcomes	Name of the unit and/or subject	Method of education	Evaluation Method
1	3	Learning the basics of computers	Computer Basics	Theoretical presentation With the help of With Charts Illustrative + practical lectures	Attendance - Daily Exam Interaction in the Classroom
2	3	Learning what the components of computers are	Computer Components	Theoretical presentation With the help of With Charts Illustrative + practical lectures	Attendance - Daily Exam Interaction in the Classroom
3	3	Understanding what bits and bytes mean	Bits and Bytes	Theoretical presentation With the help of With Charts Illustrative + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom
4	3	Learning the use of programming languages and their types	Programming Languages	Theoretical presentation With the help of With Charts Illustrative + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom
5	3		Midterm Exam	Theoretical presentation With the help of With Charts Illustrative + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom

6	3	Understanding how programming languages are used for commercial business	Programming Languages in Commerce	Theoretical presentation With the help of With Charts Illustrative + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom
7	3	Understanding how computers work	How Computers Work	Theoretical presentation With the help of With Charts Illustrative + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom
8	3	Learning the basics of computer security	Computer Security	Theoretical presentation With the help of With Charts Lectures + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom
9	3	Learning how to use windows OS	Windows	Theoretical presentation With the help of With Charts Illustrative + Panel Discussions	Attendance - Daily Exam Interaction in the Classroom
10	3	Learning how to use windows OS	Windows	Theoretical presentation With the help of With Charts Illustrative	Attendance - Daily Exam Interaction in the Classroom
11	3	Learning different file types and how to create them	Creating Files	Theoretical presentation With the help of With Charts Illustrative	Attendance - Daily Exam Interaction in the Classroom

12	3	Learning about computer storage and recovery	Storage and Recovery	Theoretical presentation With the help of With Charts Illustrative	Attendance - Daily Exam Interaction in the Classroom
13	3	Learning the different types of computer applications	Computer Applications	Theoretical presentation With the help of With Charts Illustrative	Attendance - Daily Exam Interaction in the Classroom
14	3	Learning the different types of computer applications	Computer Applications	Theoretical presentation With the help of With Charts Illustrative	Attendance - Daily Exam Interaction in the Classroom
15	3	Learning different types of business applications	Computer Applications in Business	Theoretical presentation With the help of With Charts Illustrative	Attendance - Daily Exam Interaction in the Classroom
16			Final Exam		

12. Infrastructure	
1 Required textbook	Fundamentals of Computer Science
2 Key references (sources)	Basics of computers Computer applications in business
a. Recommended books and references (scientific journals, reports,....)	
b. Electronic references, websites	

13-Course improvement Plan

1- Familiarity with all the latest developments in teaching and learning strategies.

2- Increase the number of weekly course hours to 4 hours to accommodate the additional hours for classroom activities and completing as many exercises as possible.



Subject Instructor

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Head of Department

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