

وزارة التعليم العالي والبحث العلمي جهاز  
الإشراف والتقويم العلمي  
دائرة ضمان الجودة والاعتماد الأكاديمي

## استمارة وصف البرنامج الأكاديمي للعام الدراسي ٢٠٢٤\_٢٠٢٥ للكليات والمعاهد

الجامعة : جامعة شط العرب الأهلية

الكلية /المعهد : الكلية التقنية الهندسية

القسم العلمي : قسم هندسة تقنيات الأجهزة الطبية

تاريخ ملء الملف : 2025/8/4

التوقيع :

اسم المعاون العلمي: أ.د. كامل حسين السوراني

التاريخ :

4/8/2025

الأستاذ الدكتور  
كامل حسين السوراني  
كيمياء تحليلية

التوقيع :

اسم رئيس القسم : د. نزار هادي

التاريخ : 2025 / 8 / 4



دقق الملف من قبل

شعبة ضمان الجودة والأداء الجامعي

اسم مدير شعبة ضمان الجودة والأداء الجامعي: التاريخ

/ /

التوقيع

مصادقة السيد العميد

أ.م.د. مازن عبداللّه علوان

عميد الكلية التقنية الهندسية

**Ministry of Higher Education and Scientific Research**

**Supervision and Scientific Evaluation Body**

**Quality Assurance and Academic Accreditation Office**

## **Course Description Sample**

**Subject:**Electrical Machines

This course description provides a concise summary of the main features of the course and the learning outcomes expected of the student, demonstrating whether the student has made the most of the learning opportunities available. It must be linked to the programme description.

1. Educational Institution	Shatt Al Arab University
2. Department / Center	Medical Devices Technology Engineering
3. Course Title /Code	MTU1005
4. Lecturer Name	Assistant Lecturer Aya Abdul Hussein
5. Type of Teaching	Theory – Lab – Tutorial
6. Academic Year /Term	2024/2025
7. Total No. of Teaching Hours	75
8. Date of Preparing this Course Description	

### **9. Course Objectives**

#### **8. Identifying Defining Definitives**

- Understand the basic concepts and components of computer networks.
- Know the principles and threats of network security.
- Develop network troubleshooting and resolution skills.
- Master the concepts and services of e-services.
- Understand various online services, such as prepaid devices and debit cards, telephone services, text messaging services, and mobile services.

- Be able to identify common hardware problems encountered by computer users.
- Learn simple troubleshooting tools to diagnose computer problems and errors.
- Understand the definition of artificial intelligence and its maps.
- Explore the techniques and methods of various industrial technologies.
- Understand the animal concepts and considerations in artificial intelligence.

## **10. Course Output, Methodology and Evaluation**

### **(A) Cognitive Objectives**

- Understand the basic concepts of computer networks and their components
- Gain knowledge of network security principles and the ability to identify network threats
- Develop troubleshooting skills to diagnose and resolve network problems
- Be able to identify and resolve common hardware and software problems encountered by computer users
- Demonstrate proficiency in using basic troubleshooting techniques and tools
- Define and explain the concept of artificial intelligence
- Understand the history and development of artificial intelligence
- Explore various AI techniques and methods
- Understand the challenges and ethical considerations in the development and deployment of artificial intelligence
- Understand how artificial intelligence will impact human society and the future of humanity.

### **(B) Skill Objectives Related to the Program:**

### **Methods of Teaching and Learning**

- 1-Lecturers.
- 2-Class discussion.

3-Lab Experiments.  
4-Researchs.  
5-Homework.

### Methods of Evaluation

<u>Number</u>	<u>calendar element</u>	<u>degree</u>
1-Examinations.		
2-Lab Experiments.		
3-Quizz.		
4-Oral Exam.		
5-Researchs.		

### (C) Sentimental and Value Objectives

--

### Methods of Teaching and Learning

--

### Methods of Evaluation

--

### D) General and Qualitative Skills (other skills related to the ability of employment and personal development)

--

## 11. Course Structure

(In the table of course weekly outline)

Week	No of Hours	Required Learning Output	Title of Subject	Teaching Method	Evaluation
1					
2					
3					
4					
5					
6					
7					

## 12. Infrastructure

a. Textbooks	. Banafa A. Introduction to Artificial Intelligence (AI). CRC Press; 2024 May 13.
b. References	The Collage E-Library
c. Recommended books and periodicals (journals, reports, etc.)	
d. Electronic references, internet websites, etc	The Collage E-Library

## 13. The Plan of Improving the Course

1.Add new programs 2. Add advanced skills 3. Link the program together to perform specific tasks
--