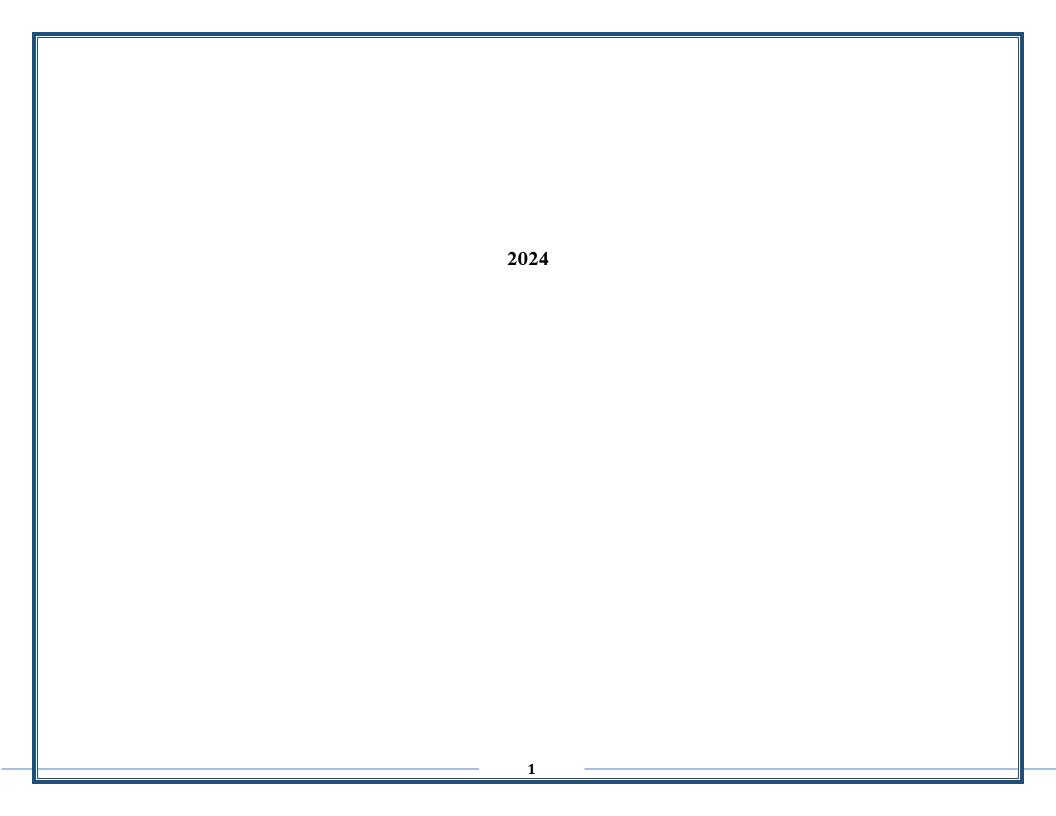**Ministry of Higher Education and Scientific Research**
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program and Course Description Guide

2024

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T $3/2906$ on $3/5/2023$ regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra−curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: **Al−Furat Al−Awsat Technical University**

Faculty/Institute: **College of health & medical tech. / Kufa**

Scientific Department: **Community health techniques.**

Academic or Professional Program Name: **pharmacology**

Final Certificate Name: **.philosophy doctorate**

Academic System: **quarterly**

Description Preparation Date:

File Completion Date:

Signature: Signature:

Head of Department Name: Scientific Associate Name:

Prof. Dr. Oday Mutaab Hady   Date:

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

1. Program Vision
The Department of Community Health Technologies is to be a pioneering technical educational institution in providing high-quality programs inherent in the development of scientific knowledge and technical skills in various countries of the world. The Department of Community Health: The department aims to prepare technical staff working in the fields of occupational health and safety, health inspection and control,

and the implementation of primary health care programs and campaigns. Health Awareness .

2. Program Mission

Embodying the ethics of technical education by providing high-quality technical education that seeks to develop human knowledge and skills that are compatible with the changes occurring in the environment and society.

3. Program Objectives

- The program aims to prepare technical personnel working in the fields of occupational health and safety, health inspection and control, and implementing primary health care programs and health awareness campaigns.
- Reaching international standards in medical and health technical education.
- Accommodating the development taking place in the field of work by creating medical and health technical departments that keep pace with the change in therapeutic and preventive methods. .
- Preparing a middle cadre qualified in knowledge and skills to deal with the technical development occurring in the field of work and the global environment.
- Providing the ideal environment as much as possible to achieve the optimal learning state.
- Emphasizing self-respect and respect for others.
- Continuously keeping up with and learning about the development taking place in various branches of medical and health specialization to enhance skills.
- Emphasizing respect for solid university traditions and sanctifying the

profession and its etiquette.
- Strengthening relationships in the environment and the work field
- Diligently striving to maintain positive relations with corresponding colleges

Encouraging students to participate in student activities and organizations for the purpose of developing leadership skills, and emphasizing the spirit of teamwork and working as one team.

4. Program Accreditation

nothing

5. Other external influences

Iraqi Ministry of Health, World Health Organization

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	7 (Arabic language, English language, Baath Party crimes, human rights and democracy, calculator principles (1 and 2), electronic calculator applications)	**16**	**8.6%**	
College Requirements	8 (Clinical Chemistry 1 and 2, Anatomy 1 and 2, Pharmacology 1 and 2, Research Methods, Biostatistics, Medical Entomology, Occupational Safety, Medical Device Technologies)	**52**	**28.1%**	
Department Requirements	15 (Principles of community health 1 and 2, microbiology 1 and 2, medical physiology 1 and 2, nutrition science 1 and 2, communicable diseases 1 and 2, environmental health, epidemiology, communicable diseases 3", chronic diseases, health control laws Community health services 3", communicable diseases 4",	**117**	**63.3%**	

		environmental health 4", community health services 4", health education, graduation project			
Summer Training		The second stage − the third stage, the third stage − the fourth stage			
Other					

* This can include notes whether the course is basic or optional.

7. Program Description				
Year/Level	**Course Code**	**Name of the course or course**	**Credit Hours**	
			theoretical	**practical**
The first		**Medical device technologies**	2	4
The first		**Microbiology1**	2	4
The first		**Principles of community health1**	2	4
The first		**Clinical chemistry1**	2	4
The first		**General anatomy1**	2	4
The first		**Physiology1**	2	4
The first		**English**	2	−
The first		**Microbiology2**	2	4
The first		**Principles of**	2	4

		community health2		
The first		Clinical chemistry2	2	4
The first		General anatomy2	2	4
The first		Physiology2	2	4
The first		Human rights and democracy	2	–
The first		Arabic	2	–
the second		Nutrition science1	2	4
the second		Communicable diseases1	2	4
the second		Pharmacology1	2	2
the second		Epidemiology1	2	4
the second		Environmental health1	2	4
the second		Computer principles1	1	2
the second		Baath Party crimes	2	–
the second		Nutrition science2	2	4
the second		Communicable diseases2	2	4
the second		Pharmacology2	2	2
the second		Epidemiology2	2	4
the second		Environmental health2	2	4
the second		Computer principles2	1	2

the second		Biostatistics	2	2
Third		Community health services	2	4
Third		Communicable diseases	2	4
Third		Health laws and control	2	4
Third		chronic diseases	2	4
Third		world of insects	2	2
Third		Biostatistics	2	2
Third		Search methods	2	-
Third		Calculator applications	1	2
Fourth		Communicable diseases	2	4
Fourth		Community health services	1	5
Fourth		Occupational Health and Safety	2	3
Fourth		Environmental Health	2	2
Fourth		Health education and health management	2	-
Fourth		Research project	2	-

8. Expected learning outcomes of the program

Knowledge

a1– The ability to implement primary health care programs a2– Carrying out actions that would increase preventive measures. a3– Preparing the student to conduct field surveys a4– It works to increase awareness in public health, occupational safety, environmental health, inspection, health oversight, and control of communicable	Training in health centers and demonstrating the extent of his ability to implement the knowledge provided to him, by following up with trainers specialized in the same field, through achievement exams, surprise tests, and feedback diseases.

Skills

B1 – The ability to understand and analyze matters related to all health services.	Learning Outcomes Statement 2
B2 – The ability to build a health program in line with the programs that have been studied.	Learning Outcomes Statement 3

Ethics

1– Preparing class and	

homework assignments 2. Preparing reports on practical experiments 3. Conducting daily and quarterly examinations 4. Conducting final exams	

9. Teaching and Learning Strategies

- Cooperative education strategies. (It forms groups of 3 or 4 students to solve a specific assignment or problem)
- Brainstorming strategy. (A state of mental excitement to make the student think about all possible possibilities.)Case study".
- Discussion strategy
- Educational bag strategy

10. Evaluation methods
1. Solving assignments for my class and extracurriculars
2. Surprise exams.
3. Scientific reports and seminars.
4. Final achievement exams.
5. Evaluating practical skills by conducting laboratory experiments

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Professor	Biology sciences	Medical microbiology			1	–
Professor	Biology sciences	Faslja			1	–
Professor	Community health	community Health			1	
Assistant Professor	biology sciences	Microbiology			2	

Assistant Professor	Veterinary medicine	Medicines and toxins			1	
Assistant Professor	community Health	community Health			–	1
Teacher	biology sciences	mushrooms			1	
Teacher	Biology sciences	Viruses			1	
Teacher	nursing	Community health			1	
Teacher	Arabic	the language			1	
assistant teacher	Biology sciences	Faslja			2	
assistant teacher	Biology sciences	Biotechnology			1	
assistant teacher	math Science	Mathematical statistics			1	
assistant teacher	English	English			1	
assistant teacher	community Health	community Health				1
assistant teacher	Chemistry Science	Chemistry Science			2	
assistant teacher	Arabic	Arabic			1	
	General	General Medicine				2

	Medicine					

Professional Development

Mentoring new faculty members

1. Informing them of the directives issued by higher authorities through:

a. Section Council.

B. Social media programs.

C. Consultative meetings.

Professional development of faculty members

1. Involving professors in specialized courses such as (teaching methods and training courses).

2. Assigning faculty members to hold specialized seminars and courses.

3. Working to send faculty members to participate in development courses in the institutions of the Ministry of Health

12. Acceptance Criterion

(Developing regulations related to admission to the college or institute, whether central admission or others mentioned)

The approved admission system is central admission

13. The most important sources of information about the program

Remember briefly.

- the library
- Information network/Internet
- Experiences of Arab and international universities
- educational subjects

14.	Program Development Plan

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
The first		Medical device technologies		√	√	√	√	√	√	√	√	√	√	√	√
		Microbiology1		√	√	√	√	√	√	√	√	√	√	√	√
The first		Principles of community health1		√	√	√	√	√	√	√	√	√	√	√	√
		Clinical chemistry1		√	√	√	√	√	√	√	√	√	√	√	√
The first		General anatomy1		√	√	√	√	√	√	√	√	√	√	√	√
		Physiology1		√	√	√	√	√	√	√	√	√	√	√	√
The first		English		√	√	√	√	√	√	√	√	√	√	√	√
		Microbiology2		√	√	√	√	√	√	√	√	√	√	√	√
The first		Principles of		√	√	√	√	√	√	√	√	√	√	√	√

				√	√	√	√	√	√	√	√	√	√	√	√
		community health2														
The first		Clinical chemistry2		√	√	√	√	√	√	√	√	√	√	√	√
The first		General anatomy2		√	√	√	√	√	√	√	√	√	√	√	√
The first		Physiology2		√	√	√	√	√	√	√	√	√	√	√	√
The first		Human rights and democracy		√	√	√	√	√	√	√	√	√	√	√	√
The first		Arabic		√	√	√	√	√	√	√	√	√	√	√	√
the second		Nutrition science1		√	√	√	√	√	√	√	√	√	√	√	√
the second		Communicable diseases1		√	√	√	√	√	√	√	√	√	√	√	√
the second		Pharmacology1		√	√	√	√	√	√	√	√	√	√	√	√
the second		Epidemiology1		√	√	√	√	√	√	√	√	√	√	√	√
the second		Environmental		√	√	√	√	√	√	√	√	√	√	√	√

		health1													
the second		Computer principles1		√	√	√	√	√	√	√	√	√	√	√	√
the second		Baath Party crimes		√	√	√	√	√	√	√	√	√	√	√	√
the second		Nutrition science2		√	√	√	√	√	√	√	√	√	√	√	√
the second		Communicable diseases2		√	√	√	√	√	√	√	√	√	√	√	√
the second		Pharmacology2		√	√	√	√	√	√	√	√	√	√	√	√
the second		Epidemiology2		√	√	√	√	√	√	√	√	√	√	√	√
the second		Environmental health2		√	√	√	√	√	√	√	√	√	√	√	√
the second		Computer principles2		√	√	√	√	√	√	√	√	√	√	√	√
the second		Medical statistics		√	√	√	√	√	√	√	√	√	√	√	√

Third		**Community health services**		√	√	√	√	√	√	√	√	√	√	√	√
Third		Communicable diseases		√	√	√	√	√	√	√	√	√	√	√	√
Third		**Health laws and control**		√	√	√	√	√	√	√	√	√	√	√	√
Third		**chronic diseases**		√	√	√	√	√	√	√	√	√	√	√	√
Third		**world of insects**		√	√	√	√	√	√	√	√	√	√	√	√
Third		**My life stats**		√	√	√	√	√	√	√	√	√	√	√	√
Third		**Search methods**		√	√	√	√	√	√	√	√	√	√	√	√
Third		**computer applications**		√	√	√	√	√	√	√	√	√	√	√	√
Fourth		Communicable diseases		√	√	√	√	√	√	√	√	√	√	√	√
Fourth		**Community health services**		√	√	√	√	√	√	√	√	√	√	√	√
Fourth		**Occupational Health and Safety**		√	√	√	√	√	√	√	√	√	√	√	√

Fourth		Environmental Health		√	√	√	√	√	√	√	√	√	√	√	√
Fourth		Health education and health management		√	√	√	√	√	√	√	√	√	√	√	√
Fourth		Research project		√	√	√	√	√	√	√	√	√	√	√	√

- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**