

**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:

Physiotherapy services focus on optimizing physical function and improving well-being. It incorporates many therapeutic techniques, including exercises, manual therapy, and patient education. With a rich history and continuous evolution, physiotherapy treatment has become an essential component of modern healthcare, integrating ancient healing practices and embracing scientific advancements to provide comprehensive and effective care for individuals with various physical issues.

Concepts and terminology:

Academic Program Description: Physiotherapy courses are educational programs designed to **train individuals in the principles and practices of Physiotherapy**, also known as physical therapy. Physiotherapy courses train candidates to help individuals restore, maintain, and improve their physical mobility, function, and

overall well-being. Physiotherapy courses often include clinical placements or internships where students gain practical experience working with patients under the supervision of licensed physiotherapists. Physiotherapy courses are offered at the Doctorate and Diploma course levels.

Course Description: Students will acquire the basic neurologic concepts providing a foundation for future neuroscience courses as well as enhancing their understanding of neurologic diagnoses frequently observed in the acute care practice setting. The concepts addressed in this course will include gross structures of the central nervous system, blood supply, and the sensory and motor systems. Lab includes the dissection of human brain material, brain sections, and anatomical models.

Program Vision : The Physiotherapy Program will transform physiotherapy education, advocacy, discovery and knowledge exchange. **Program Mission:** Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: These are the general objectives of delivering the academic program, which in turn guide the development and implementation of strategic objectives (to ensure that the objectives are achieved) and the required learning outcomes (to ensure that students work towards achieving the required outcomes)

Curriculum Structure: The curriculum structure for physiotherapy typically encompasses a combination of theoretical knowledge, practical skills, and clinical experiences aimed at preparing students for a career as competent and compassionate physiotherapists. While specific details may vary between educational institutions and countries, the following is a general outline of the curriculum structure for physiotherapy:

Learning Outcomes: Learning outcomes for physiotherapy programs are typically designed to ensure that graduates acquire the knowledge, skills, and competencies necessary to practice as competent and effective physiotherapists. Here are some common learning outcomes across various domains:

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 kitab university

Faculty/Institute: Medical Technology

Scientific Department: Department of Physical Therapy Techniques

Academic or Professional Program Name: Physical Therapy Techniques program

Final Certificate Name: Bachelor's of Physical Therapy Techniques
Academic System: Yearly
Description Preparation Date: 15/3/2024
File Completion Date: 25/3/2024

Signature:
Head of Department Name:

Signature:
Scientific Associate Name:

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

It is to provide and prepare graduates with high scientific competence in the fields of crime investigation, criminal investigations, fingerprint lifting, and how to collect, deal with and analyze evidence, which contributes to the diagnosis of perpetrators according to scientific foundations.

2. Program Mission

Preserving evidence at the crime scene, taking samples from its location, documenting evidence, identifying how to deal with modern equipment and technologies in the field of jurisdiction, and supporting courts and prosecutors with built facts.

3. Program Objectives

The department aims to provide the graduate with scientific and practical knowledge in various forensic techniques, and aims to be a scientific reference for specialists in the field of forensic techniques. In addition to preventing and identifying the occurrence of crime and providing the necessary support to judicial authorities and prosecutors with facts based on forensic evidence.

4. Program Accreditation

Not found

5. Other external influences

Not found

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	164	192	100	
College Requirements	164	192	100	
Department Requirements	164	192	100	
Summer Training	2			
Other				

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

7. Program Description

Level/Year	Course or Module Code	Course or Module Title	Credit rating		12. Awards and Credits
			T	P	
First		Biomechanics	2	2	Bachelor Degree Requires (178) credits
		Clinical Biochemistry	2	2	
		Medical microbiology	2	2	

		Computer Fundamentals(1)	1	2	44
		Human rights and Democracy	2	0	
		Human anatomy 1	2	2	
		1 Human Physiology	2	2	
		Computer principles 2	1	2	
		Kinesiology	2	0	
		Medical Physics	1	2	
		Basic Nursing & First Aids	2	4	
		Human anatomy 2	2	2	
Second		3 anatomy H	2	2	50
		Pathology	2	2	
		Physiotherapy for Musculoskeletal Diseases 1	2	4	

		Physiotherapy for Orthopedics	2	4	
		Therapeutic Equipments 1	2	2	
		Therapeutic exercises 1	2	4	
		4 anatomy H	2	2	
		Pharmacology	2		
third	1/2	Statistics M	2		50
		Physiotherapy for Musculoskeletal Diseases 3	2	3	
		Physiotherapy for Spinal Cord Injuries	2	5	

	1/2	Physiotherapy for Sport Injuries	2	3	
		Prostheses	1	2	
	1/2	Means of proving cyber crimes	2	2	
	1/2	3 Equipment T	2	3	
		Therapeutic exercises 3	1	3	
	1/2	Methodology	0	2	
		Orthosis	0	2	
		Physiotherapy for general surgery 2	2	3	

	1/2	Physiotherapy for Medical Diseases	2	3	
Forth	1/2	Physiotherapy for neurological diseases 1	2	3	
	1	4 Equipment T	2	3	
	½	Toxins and drugs	2	3	
	½	Therapeutic exercises 4	2	3	
	1	ehabilitation H	2	2	50
	1	for Physiotherapy Cardiopulmonary Diseases	2	3	
		Physiotherapy for growth and development of pediatric	2	4	

		Physiotherapy for Neurological Diseases 2	2	3	
		Therapeutic exercises 5	-	2	
		Physiotherapy for Neurological Diseases 3	2	2	

7. Expected learning outcomes of the program

Knowledge

Learning Outcomes 1 The student gets to know the exercise and Therapeutic Exercises 1 that make up the human body. The student can use modern technologies represented by Learning Outcomes 1 The student gets to know the exercise and Therapeutic Exercises 1 that make up the human body. The student can use modern technologies represented by medical and laboratory devices necessary in the field of Therapeutic Equipments 1.

A- At the completion of this course, the student should be
 A1- Able to execute all routine physiotherapeutic procedures with evidence based practice.
 A2- Able to be a prominent member of the multidisciplinary physiotherapy team and treat all the conditions which need physiotherapeutic procedures.
 A3- Able to provide adequate knowledge about the treatment procedures and its benefit.
 A4- Learn multidisciplinary practice skills.
 A5- Able to practice and assess patient independently.

Skills

1. The student will be able to acquire crime scene skills related to the criminal effects of accidents and how to record them.

B 1 – As a physiotherapist, your time is spent helping others work on improving their motor skills with physical exercises or repeated motions. It's always best to have the skills yourself prior to trying to teaching them in others.
 B2 – Gross motor skills will be the skills you utilize for sitting, walking, running, or crawling, all necessary for working as a physical therapist, as you may have to run to keep up with a client as you help them rehabilitate an injury.
 B3 – Teaching the student to carry out laboratory steps in the work of

2. The student acquires the skill of using the camera and its equipment necessary in the field of forensic photography.	The student learns how to detect counterfeit currencies and examine official documents and books.
Ethics	
Precision	Be precise when conducting a crime survey
honesty	Maintaining information security

8. Teaching and Learning Strategies
Lecture - laboratory - methodological training

9. Evaluation methods
1- Oral exams 2- Written tests 3- Quarterly exams 4- Final exams

10.Faculty						
Faculty Members						
Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Dr.wadah mahdi	Therapeutic Exercises 1	Therapeutic Exercises 1			staff	
PROF.DR. Abulmajeed S. h. ALSamarrai	clinical biochemistry	clinical biochemistry			staff	

Professional Development
Mentoring new faculty members
Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.
Professional development of faculty members
Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

11. Acceptance Criterion

1- Students enrolled in the Bachelor's program in Physical Therapy Techniques through regular study for a period of 4 years.

2- Requirements for registration:

A- General secondary school certificate (scientific section).

B - The study will be in English (the scientific medical language) approved in the Republic of Iraq for this purpose.

3- The duration of this program is 4 years, for the student to complete 164 credit hours.

4- To open and approve any course for registration through several specialized courses in this field and in the advanced years, it is necessary to ensure the registration of a number of students of no less than forty.

5- The university has the right to review some academic courses and make some amendments to them, which are approved by the Academic Accreditation Council in the Ministry of Higher Education and Scientific Research in the Republic of Iraq.

12. The most important sources of information about the program

Central Technical College

13. Program Development Plan

A - Samples of examination papers, procedures for their approval and approval by the university, as well as the answer system.

All examination forms must be provided with sample answers to facilitate the work of examiners or academic assessors. B- Submitting documents proving the procedures for accrediting the university's internal examination committees and how they work.

C - Evidence of the method of approving exam results at Al-Kitab University College, for example, decisions issued by university councils or college councils to approve exam results.

D- Documents for each course, including a file for the course that includes the following:

- A statement of students' attendance for the course (student signatures).**
- The name of the lecturer, academic registrar, or both.**
- The tasks carried out in this course (Assignment).**
- Sunnah business questions, answer system and models.**

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- A statement of students' attendance for the course (student signatures).
- The name of the lecturer, academic registrar, or both.
- The tasks carried out in this course (Assignment).
- Sunnah business questions, answer system and models.
- Student research projects.
- Results for each type of student performance (semester, final exams, research projects, assignments, etc.).
- An academic calendar for the schedule of lectures and examinations issued by Al-Kitab University College, related to proof that the university has studied all undergraduate courses, courses, and requirements.
- A registration certificate including the college certificate, results and grades of all courses, and proof that the university has met all requirements for the student to register in the bachelor's course.
- Keeping original copies of all projects and examination booklets for a period of three years so that evaluators and academic examiners coming from the Academic Accreditation Council can examine these documents from time to time.
- Implementing each course linked to the academic hours (credit) indicated in the study plan.

Curriculum Skills Map

please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed

				Programme Learning Outcomes															
Year / Level	Course Code	Course Title	Core (C) Title or Optio n (O)	Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
				A 1	A 2	A3	A 4	B1	B 2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D 4

first			Essential C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			Essential C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		General physiology		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

second				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Statistics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

third	Scan and prepare	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Explosives and fires	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Means of proof of	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Forensic medicine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Special pencial law	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Organized crime	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
fourth	Traffic accident laws	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Imprints and prints	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Toxinsand drugs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Forgery and counterf	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Writing reports	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

		Defensive skills		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		English language		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Research project																	

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

Course Description Form

1. Course Name:						
2. Course Code:						
3. Semester / Year:						
4. Description Preparation Date:						
5. Available Attendance Forms:						
6. Number of Credit Hours (Total) / Number of Units (Total)						
7. Course administrator's name (mention all, if more than one name)						
Name:						
Email:						
8. Course Objectives						
Course Objectives			<ul style="list-style-type: none"> • • • 			
9. Teaching and Learning Strategies						
Strategy						
10. Course Structure						
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method	
11. Course Evaluation						
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc						

12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	