

Course description applied therapeutics second-course fifth year theory

**Review the performance of the higher education institution ((review of
(the academic program**

This course description provides a summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, proving whether he has made the most of the available learning opportunities and must be linked to the program .description

Al-Zahrawi University - Ministry of Higher Education and Scientific Research	1. Educational Institution
colleage of Pharmacy-Clinical Pharmacy Branch	2. University Department / Center
Therapeutics II -PCPC57	3. Course Name / Code
Bachelor of Pharmacy Science	4. Programs in which it is included
Daily attendance	5. Available Forms of Attendance
Teaching System - Courses - Fifth Stage - Courses	6. Semester / Year
32 hours	7. Total Number of Study Hours
2025-2026	8. Date of preparing this description
9. Course Objectives: Since its establishment, the department has worked hard and continuously based on its noble mission in society to achieve several strategic goals and objectives, the most important of which are: 1. The course aims to identify the different pathological conditions, their definition, causes, methods of diagnosis, treatment methods and groups of medicines used in treatment. 2. Making the graduate student able to identify the pathological conditions proven in the patient's tympanum 3. Making the graduate student able to communicate with patients in outpatient clinics for general diseases 4. Making the graduate student able to educate patients regarding the medicines used by them 5. making the graduating student is able to match the wrong treatment methods with what is in the proven sources.	

10. Learning Outcomes, Teaching and Learning Methods, and Evaluation

A. Knowledge and Understanding

A 1 - To be able to identify proven pathological conditions in the patient's tympanum

A2- To be able to communicate with the patient in the outpatient clinics for general diseases

A3- To be able to educate the patient regarding medicines

A 4- To be able to match the wrong treatment methods with what is in the proven sources

B – Special skills in the subject

B1 – Skills of follow-up treatment methods

B2 – Skills to identify new alternative medicines

B3 – Skills to determine the most important goal of the treatment of common diseases

B4- Enabling students to possess the skills of diagnosing cases of medical errors in the use of medicines and spend it

B5- Enabling students to possess the skills of using scientific research tools in the academic and scientific field

B6- Enabling students to acquire self-learning skills to acquire new information, skills and knowledge

Learning and teaching methods

.١ Style of thinking and discussion.

.٢ Discuss medical conditions

.٣ Learning by applied lecture

Evaluation methods

.١ Semi-semester exams and final exams exam grades

.٢ Oral and written evaluation that includes hypothetical cases and ways to address them

.٣ Exam Scores

4. Graduation Research

C –Thinking Skills

C1. The style of dialogue between the student and the professor.

C2. Conduct discussions of hypothetical cases

C3. Exploratory thinking.

C4 . Using modern methods in preparing lectures and presenting them in a PowerPoint form

C5. Preparing homework on topics related to scientific material.

Teaching and learning methods

1. Teaching and lecturing

2. Seminars and homework.

3. Discussion and dialogue.

4. Tests.

Evaluation methods
Grades, research and reports, tests.

D – General and transferred skills

D1. The student should be able to employ the knowledge he has received.

D2. The student should be able to skill the teaching and learning profession.

.D3. The student should be able to embody what he has acquired in professional development

11. Course Structure					
Weeks	Hours	Required Learning Outcomes	Unit Name / Course or Topic	Learning Methods	Evaluation Method
1	2	Knowledge	Adrenal gland disorders	Use the blackboard and display screen	Daily exam and oral questions
2	2	Knowledge	Thyroid disorders	Use the blackboard and display screen	Daily exam and oral questions
3	2	Knowledge	Alzheimer's disease	Use the blackboard and display screen	Daily exam and oral questions
4	2	Knowledge	Anxiety disorders	Use the blackboard and display screen	Daily exam and oral questions
5	2	Knowledge	Depressive disorders	Use the blackboard and display screen	Daily exam and oral questions
6	2	Knowledge	Schizophrenia	Use the blackboard and display screen	Daily exam and oral questions
7	2	Knowledge	Sleep disorders	Use the blackboard and display screen	Daily exam and oral questions
8	2	Knowledge	Contraception	Use the blackboard and display screen	Daily exam and oral questions
9	2	Knowledge	Hormonal replacement therapy (HRT)	Use the blackboard and display screen	Daily exam and oral questions
10	2	Knowledge	Menstruation related disorders	Use the blackboard and display screen	Daily exam and oral questions
11	2	Knowledge	Cancer treatment and chemotherapy	Use the blackboard and display screen	Daily exam and oral questions
12	2	Knowledge	Leukemias	Use the blackboard and display	Daily exam and oral

				screen	questions
13	2	Knowledge	lymphoma	Use the blackboard and display screen	Daily exam and oral question
14	2	Knowledge	Breast cancer	Use the blackboard and display screen	Daily exam and oral questions
15	2	Knowledge	prostate cancer	Use the blackboard and display screen	Daily exam and oral questions
16	٢	Knowledge	Adverse effects of chemotherapy	Use the blackboard and display screen	Daily exam and oral questions

12 . Infrastructure	
- Required Readings	References : Pharmacotherapy handbook 11 th edition - Pharmacotherapy principles and practice 6th edition

Special Requirements (Workshops, Journals, Software, Websites):	Electronic Websites, Internet
Social Services (Guest Lectures, Professional Training, Field Studies, Others):	Organizing workshops and courses for graduates

13. Admission:	
Prerequisites	Admission according to the central plan
Minimum Number of Students	/
Maximum Number of Students	

Name of the Instructor: Lec. Dr. Ali hassan zaki