

Jadara University		جامعة جدارا
ref# FR/P1/P1/1/v1		

COURSE DESCRIPTIONS

Faculty	Pharmacy				
Department	Pharmacy			NQF level	7
Course Title	Pharmaceutical care practice	Code	901438	Prerequisite	901538
Credit Hours	1 hr	Theory	3	Practical	0
Course Leader	Dr.Abrar Aleikish	email	A.ALeikish@jadara.edu.jo		
Lecturers		emails			
Lecture time	3 hr	Classroom	D108		
Semester	2 nd semester 2023/2024	Production		Updated	2023
Awards				Attendance	Fulltime

Short Description

This course is expected to enrich the students' knowledge in terms of the "patient-pharmacist relationship", also it provides them with a solid background and a base of systematic thinking for the sake of formatting an optimal treatment plan that suites the individual patient's needs.

Course Objectives

The **aim** of this course is to expose the students to the comprehensive process of pharmaceutical care, and to shed light systematically on the whole process of patient care, focusing on the non-pharmacological aspects of the treatment process and over-the-counter drug therapy.:

- 1) To get an Introduction to pharmaceutical care.
- 2) To describe the Drug therapy problems.
- 3) To describe the treatment guidelines for rheumatology, contraception, smoking cessation, Eye ear drops in addition to Nutritional supplements.
- 4) To describe How to use Inhaler devices.

Learning Outcomes

A. Knowledge - Theoretical Understanding

- a1. Recall the basis of pharmaceutical care.(K2)
- a2. Recall the treatment guideline in both branches; pharmacological and non-pharmacological approaches(K2)
- a3. Choose the appropriate drug based on treatment guidelines and patient's factors.(K2)

B. Knowledge - Practical Application

C. Skills - Generic Problem Solving and Analytical Skills

D. Skills - Communication, ICT, and Numeracy
b1. Choose the rational therapy regimen according to the treatment guideline and patient specific condition.(S3)
b2. Analyze the medical status of patients and provide the necessary counseling (i.e. geriatric patients, pregnant women, pediatrics, cases of comorbidity or polypharmacy).(S3)
E. Competence: Autonomy, Responsibility, and Context
c1. Recommend, advice and monitor therapeutic regimen with patient in evidence based manner.(C1)
Teaching and Learning Methods
<ul style="list-style-type: none"> Lecture, PowerPoint presentation and discussion
Assessment Methods
<ul style="list-style-type: none"> Quizzes, midterm and final exams.

Course Contents					
Week	Hours	CLOs	Topics	Teaching & Learning Methods	Assessment Methods
1.	3	a1,a2,a3, b1, b2, c1	Introduction to pharmaceutical care.	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
2.	3	a1,a2,a3, b1, b2, c1	Introduction to pharmaceutical care.	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
3.	3	a1,a2,a3, b1, b2, c1	Drug therapy problems: drug-drug interaction	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
4.	3	a1,a2,a3, b1, b2, c1	Drug therapy problems: drug-drug interaction	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
5.	3	a1,a2,a3, b1, b2, c1	Inhaler devices	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
6.	3	a1,a2,a3, b1, b2, c1	Medical devices	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
7.	1	a1,a2,a3, b1, b2, c1	Midterm exam		
8.	3	a1,a2,a3, b1, b2, c1	Contraceptive devices	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
9.	3	a1,a2,a3, b1, b2, c1	Contraceptive devices	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
10.	3	a1,a2,a3,	Smoking cessation	Lecture and	Quizzes,

		b1, b2, c1		PowerPoint presentation	midterm and final exams
11.	3	a1,a2,a3, b1, b2, c1	Smoking cessation	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
12.	3	a1,a2,a3, b1, b2, c1	Nutritional supplements	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
13.	3	a1,a2,a3, b1, b2, c1	Eye ear drops	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
14.	3	a1,a2,a3, b1, b2, c1	Revision	Lecture and PowerPoint presentation	Quizzes, midterm and final exams
15.		a1,a2,a3, b1, b2, c1	Final Exam		

Infrastructure	
Textbook	Pharmaceutical Care Practice: The Clinician's Guide by Robert J. Cipolle. 2019
References	Clinical pharmacy and Therapeutics, by Roger Walker and Clive Edwards, 6 th edition. 2018
Required reading	Lippincott's Illustrated Reviews – Pharmacology, 5th edition.
Electronic materials	<ul style="list-style-type: none"> ✓ www.emedicine.com ✓ www.sciencedirect.com ✓ www.blackwell.com ✓ www.ovid.com ✓ www.pubmed.com
Other	In addition to the above, the students will be provided with handouts by the lecturer.

Course Assessment Plan								
Assessment Method		Grade	CILOs					
			a1	a2	a3	b1	b2	c1
First (Midterm)		30	7	5	4	4	5	5
Second (if applicable)		0						
Final Exam		50	3	3	2	14	14	14
Coursework								
Coursework assessment methods	Assignments	0						
	Case study	0						
	Discussion and interaction	0						
	Group work activities	0						
	Lab tests and assignments	0						

	Presentations	0						
	Quizzes	20	4	4	4	2	2	4
	Total	100	14	12	10	20	21	23

Plagiarism

Plagiarism is claiming that someone else's work is your own. The department has a strict policy regarding plagiarism and, if plagiarism is indeed discovered, this policy will be applied. Note that punishments apply also to anyone assisting another to commit plagiarism (for example by knowingly allowing someone to copy your code).

Plagiarism is different from group work in which a number of individuals share ideas on how to carry out the coursework. You are strongly encouraged to work in small groups, and you will certainly not be penalized for doing so. This means that you may work together on the program. What is important is that you have a full understanding of all aspects of the completed program. In order to allow proper assessment that this is indeed the case, you must adhere strictly to the course work requirements as outlined above and detailed in the coursework problem description. These requirements are in place to encourage individual understanding, facilitate individual assessment, and deter plagiarism.