



Course Syllabus

1	Course title	Pharmacy Practice 1	
2	Course number	1203405	
3	Credit hours	2 hours theory	
	Contact hours (theory, practical)	2 hours per week	
4	Prerequisites/corequisites	1203364 Pharmacology 2	
5	Program title	PharmD	
6	Program code	12	
7	Awarding institution	The University of Jordan	
8	School	Pharmacy	
9	Department	Department of biopharmaceutics and clinical pharmacy	
10	Course level	Undergraduate	
11	Year of study and semester (s)	4 th year/fall semester	
12	Other department (s) involved in teaching the course	-----	
13	Main teaching language	English	
14	Delivery method	<input type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online	
15	Online platforms(s)	<input type="checkbox"/> Moodle <input type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....	
16	Issuing/Revision Date	8/10/2023	

17 Course Coordinator:

Name: Eman Elayeh

Contact hours: to be announced

Office number: 206

Phone number: 962 65355000 ext: 23341

Email: emanelayeh@gmail.com

e.elayeh@ju.edu.jo

**18 Other instructors:**

Name:

Office number:

Phone number:

Email:

Contact hours:

Name:

Office number:

Phone number:

Email:

Contact hours:

19 Course Description:

As stated in the approved study plan.

This course introduces you to your professional responsibilities as pharmacists. The course is intended to provide you with a systematic approach to patient-centered pharmaceutical care that will be applied and practiced throughout the curriculum.



20 Course aims and outcomes:



A- Aims:

1. Understand the basic concept of pharmaceutical care and clinical pharmacy practice.
2. Develop a basic clinical pharmacy practice skills and relevant communication skills.
3. Discuss an individual's drug therapy regimen:
4. **Recommend and implement appropriate drug therapy and other non-pharmacologic modes of therapy (e.g., diet, exercise) to prevent and treat medical problems, and provide a rationale/justification for recommendations**

B- Students Learning Outcomes (SLOs):

Upon successful completion of this course, students will be able to:

Descriptors	CLO no.	SLOs SLOs of the course	PLO (1) Learner	PLO (2) Problem solver	PLO (3) Communicator	PLO (4) Professional	PLO (4) Care giver
Knowledge	K1	1. Define information regarding basic concept of pharmaceutical care and clinical pharmacy practice and be familiar with medical terminology					
	K2	2. Recall facts and basic concepts regarding medical terminology and clinical significant side effects					
Skills	S1	3. Explain an individual's drug therapy regimen: Consider such factors as efficacy and effectiveness, adverse effects, patient values, cost, and ability to adhere to recommendations					
	S3	4. Develop a complete medical problem list and criteria for determining medication appropriateness					
	S5	5. Collect and interpret proactively information from medical websites, medical guidelines and journal databases					
Competencies	C1	Analyze the appropriateness of treatment of each medical problem (e.g., is treatment not being addressed (under treatment), is the best drug being used based on the principles of evidence-based medicine, what are the risks vs. benefits of treatment of a particular medical problem, is the drug therapy causing harm).					
	C2	Demonstrate integrity by not cheating and not committing plagiarism					

	C3	Demonstrate respect to academic staff and classmates by observing active listening inside the classroom					
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21. Topic Outline and Schedule:

Lecture	Topic	Teaching Methods*/platform	Evaluation Methods**	References
1	Introduction to pharmaceutical care	MS teams	Midterm exam	As mentioned below
2-3	Overview of the pharmaceutical care process	MS teams	Midterm exam	As mentioned below
4	HTN case: implementation of pharmaceutical care)	MS teams	Midterm exam	As mentioned below
5-6	Collecting patient data base	MS teams	Midterm exam	As mentioned below
				As mentioned below
				As mentioned below
7	Medical history	MS teams	Midterm exam	
8-9	Identification of treatment related Problems	MS teams	Midterm exam	As mentioned below
				As mentioned below
10-11	Workshop: identification of treatment related problems	MS teams	Midterm exam	As mentioned below
				As mentioned below
12	The need for pharmaceutical care			
13-16	Pharmacy Care Plan (goals, interventions, documentation and consult note,	MS teams	Final exam	As mentioned below
				As mentioned below

	monitoring and follow up) Afib case implementation			As mentioned below	
				As mentioned below	
17-20	Providing drug information in pharmacy practice	Previously recoded lectures/ e-learning website	Assignment (workshop)	As mentioned below	
				As mentioned below	
				As mentioned below	
				As mentioned below	
21-22	Providing drug information in pharmacy practice workshop				
23-24	Adverse drug reactions	MS teams	Final Exam	As mentioned below	
25-27	Drug-Drug interactions a) PD and PK absorption (including adsorption and chelation) b) Absorption – distribution (until drug displacement) c) Drug distribution second mechanism-	MS teams	Final Exam	As mentioned below	



22 Evaluation Methods:

Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	Period
Midterm exam	30	TBA	26/11-7/12
Final exam	40	All topics included	TBA
Interactive quiz	20	Providing drug information in pharmacy practice	31/12/2023 At 7 pm on JU-exams
Open book quiz	10	Top 10 drug interactions	9/1/2024 At 7 pm on JU-exams

23 Course Requirements

(e.g: students should have a computer, internet connection, webcam, account on a specific software/platform...etc):

24 Course Policies:

A- Attendance policies:

B- Absences from exams and submitting assignments on time:

C- Health and safety procedures:

- D- Honesty policy regarding cheating, plagiarism, misbehavior: The participation, the commitment of cheating will lead to applying all following penalties together:
 - ✓ Failing the subject he/she cheated at
 - ✓ Failing the other subjects taken in the same course

Not allowed to register for the next semester.

E- Grading policy:

F- Available university services that support achievement in the course:



25 References:

A- Required book(s), assigned reading and audio-visuals:

1. Pharmaceutical Care Practice: The Patient-Centered Approach to Medication Management Services (3rd edition) Cipolle, RJ, Strand, LM, & Morley, PC, McGraw-Hill, 2012. ISBN-13: 978-0071756389
2. Langely CA, Belcher D. Applied Pharmaceutical Practice. 1st ed. 2008. Pharmaceutical Press. London. 2009. ISBN 978 0 85369 746 6
3. [Medication Therapy Management: A Comprehensive Approach](#). David M. Angaran, Karen Whalen. 2015. ISBN: 978-0-07-184869-5
4. Community and Clinical Pharmacy Services: A Step-by-Step Approach. Ashley W. Ellis, Justin J. Sherman. 2013. ISBN 978-0-07-176375-2
5. Communication Skills in Pharmacy Practice: A Practical Guide for Students and Practitioners. Robert S. Beardsley, Carole L. Kimberlin, William N. Tindall. 2011. SBN-13: 978-1608316021

B- Recommended books, materials, and media:

26 Additional information:

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Name of Course Coordinator: ---Eman Elayeh-----	Signature: -----	Date: --8/10/2023--
Head of Curriculum Committee/Department: -----	Signature: -----	
Head of Department: -----	Signature: -----	
Head of Curriculum Committee/Faculty: -----	Signature: -----	
Dean: -----	Signature: -----	