



Jordan University of Science and Technology
Faculty of Pharmacy
Doctor Of Pharmacy (Pharm D.) Department

PHMD447 Clinical Cases 1 (For Pharm D Students)

First Semester 2023-2024

Course Catalog

1 Credit Hours. Develop clinical skills necessary to solve problems related to supplying patients with cost-effective and safe treatment. Discussion of clinical cases of patients suffering from psychiatric, neurological, respiratory and gastrointestinal diseases.

Text Book

Title	Pharmacotherapy Casebook: A Patient-Focused Approach
Author(s)	Terry L. Schwinghammer, Julia M. Koehler, Jill S. Borchert, Douglas Slain, Sharon K. Park
Edition	11th Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Pharmacotherapy principles and practice study guide	Michael D. Katz, Kathryn R. Matthias, Marie A. Chisholm-Burns	5th Edition	

Class Schedule & Room

Section 1:
Lecture Time: Sun : 14:30 - 16:30
Room: LAB

Section 3:
Lecture Time: Mon : 10:30 - 12:30
Room: LAB

Section 4:
Lecture Time: Mon : 12:30 - 14:30
Room: LAB

Section 5:
Lecture Time: Mon : 14:30 - 16:30
Room: LAB

Section 6:
Lecture Time: Tue : 10:30 - 12:30
Room: LAB

Section 7:
Lecture Time: Tue : 12:30 - 14:30
Room: LAB

Section 9:
Lecture Time: Wed : 08:30 - 10:30
Room: LAB

Section 10:
Lecture Time: Thu : 08:30 - 10:30
Room: LAB

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction	Chapter 1 From 1
Week 2	Asthma	Chapter 29 and 30 From 1
Weeks 3, 4	Epilepsy	Chapter 65 and 66 From 1
Week 5	COPD	Chapter 31 From 1
Week 6	Pain Management	Chapter 70 and 71 From 1
Week 7	Peptic Ulcer Disease	Chapter 35 From 1
Week 8	Headache Disorder	Chapter 72 From 1
Week 9	Inflammatory Bowel Disease	Chapter 38 and 39 From 1
Weeks 10, 11	Major Depressive Disorder	Chapter 78 From 1
Week 12	Nausea and vomiting	Chapter 40 From 1
Week 13	Anxiety Disorder	Chapter 80 From 1
Week 14	Diarrhea, Constipation and Irritable bowel syndrome	Chapter 41, 42, and 43 From 1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Develop a comprehensive pharmaceutical care plan for drug-therapy problems in any patient [1PLO3.1]	60%	
Assess therapy outcomes [1PLO3.3]	20%	
Use reliable sources for updated therapeutic information about any condition [1PLO3.2]	10%	
Educate patients about their diseases/disorders and the appropriate use of medications [1PLO3.6]	10%	

Relationship to Program Student Outcomes (Out of 100%)															
PLO1.1	PLO2.1	PLO2.2	PLO2.3	PLO2.4	PLO3.1	PLO3.2	PLO3.3	PLO3.4	PLO3.5	PLO3.6	PLO4.1	PLO4.2	PLO4.3	PLO4.4	PLO5.1
					60	10	20			10					

Evaluation	
Assessment Tool	Weight
Mid exam	20%
Quizzes	15%
Group case discussion and problem solving.	15%
Active learning	10%
Final exam	40%

Policy	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the dean.
Cheating	Prohibited; and in case of cheating the student will be subject to punishment according to the university law.
Attendance	According to the university policy: JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 20% of the classes that are not excused.
Participation	All student should be active during class
Laboratory	All classes will be in lab
Withdraw	Last day to drop the course is before the twelve (12th) week of the current semester

Date Printed: 2023-10-03