



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

PHMD443 Therapeutics: Respiratory And Gastrointestinal Systems - JNQF Level: 7

First Semester 2024-2025

Course Catalog

2 Credit Hours. 2 Credit Hours. Pharmacotherapy of respiratory and gastrointestinal diseases in relation to the pathophysiologic conditions of the patient. Concepts of drug action, therapeutic uses, goals of treatment, therapeutic plan, patient counseling, drug monitoring and evaluation of the therapeutic outcomes. Methods of interacting and supporting other members of the medical care team by developing and evaluating patient's therapeutic plans, and offering alternative therapeutic options/plans when needed

Teaching Method: On Campus

Text Book

Title	Pharmacotherapy Principles and practice
Author(s)	Marie A. Chisholm-Burns, Terry L. Schwinghammer, et al
Edition	6th Edition
Short Name	Ref # 1
Other Information	

Instructor

Name	Dr. Fatema Mahmoud
Office Location	-
Office Hours	
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Instructor

Name	Prof. Linda Tahaine
Office Location	P2L1
Office Hours	
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Class Schedule & Room

Section 1:
Lecture Time: Sun, Tue : 12:30 - 13:30
Room: P1103

Section 2:
Lecture Time: Sun, Tue : 10:30 - 11:30
Room: NORTH HALL

Section 3:
Lecture Time: Mon, Wed : 10:00 - 11:00
Room: M3305

Prerequisites		
Line Number	Course Name	Prerequisite Type
303441	PHAR344 Pharmacology 3	Prerequisite / Study
313442	PHMD344 Pharmacology 3	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	Pharmacotherapy of Asthma	From Ref # 1
Weeks 3, 4	Pharmacotherapy of Chronic Obstructive Pulmonary Disease	From Ref # 1
Weeks 4, 5	Pharmacotherapy of Gastroesophageal Reflux Disease	chapter 17 From Ref # 1
Week 6	Pharmacotherapy of Peptic ulcer	chapter 18 From Ref # 1
Weeks 7, 8	Pharmacotherapy of Inflammatory bowel disease	chapter 19 From Ref # 1
Weeks 9, 10	Pharmacotherapy of nausea and vomiting	chapter 20 From Ref # 1
Weeks 11, 12	Pharmacotherapy of Diarrhea, Constipation, Irritable bowel syndrome	chapter 21 From Ref # 1
Weeks 13, 14	Pharmacotherapy of Portal Hypertension and Cirrhosis	chapter 22 From Ref # 1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify the definition, etiology, pathophysiology, signs/symptoms, tests leading to the diagnosis and pharmacology of drug classes used in the management of common disorders/diseases of the respiratory and gastrointestinal system. [1PLO1.1] [1L7K1]	30%	
Design the most appropriate comprehensive pharmaceutical care plan for each condition utilizing evidence-based medicine [1PLO3.1] [1L7S1]	45%	
Prepare a monitoring and follow up plan to evaluate efficacy and safety of recommended pharmaceutical care plans [1PLO2.1, 1PLO3.1] [1L7S2]	15%	
Illustrate to patients the appropriate use of medications and information about their diseases/disorders [1PLO3.2] [1L7C4]	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
30	7.5				52.5	10									

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S1	L7S2	L7C4
30	45	15	10

Evaluation	
Assessment Tool	Weight
First exam	25%
Second exam	30%
Active learning	5%
Final exam	40%

Policy

Course policy	<p>Communicating with Instructors ?</p> <p>Students should communicate through their official JUST emails. Communication through personal email accounts (yahoo, Gmail, Hotmail, etc.) or social media will NOT be accepted, and no response will be provided.</p> <p>Students are required to check their emails and the E-learning page of the course regularly for announcements and notifications.</p> <p>Exams</p> <p>All exams are closed books and notes.</p> <p>The final exam is comprehensive (covers all the material).</p> <p>The first, second, and midterm incomplete exams need approval from the departments? heads.</p> <p>The final incomplete exams need approval from the dean.</p> <p>Cheating</p> <p>Prohibited; The commitment of the acts of cheating and deceit such as copying during examinations, altering examinations for re-grade, plagiarism of homework assignments, and in any way representing the work of others as your own is dishonest and will not be tolerated. Standard JUST policy will be applied.</p> <p>بالغش فتوقع عل?? العقوبات التال?ة مجتمعة المادة: 7: إذا ضبط الطالب أثناء الامتحان أو الاختبار متلبساً: في ذلك الامتحان أو الاختبار أ- اعتباره راسباً. ب- الغاء تسج?ل? في بق?ة المساقف المسجل ل? في ذلك الفصل. ??- فصل? من الجامعة لمدة فصل دراسي واحد، و? الفصل التالي للفصل الذي ضبط ف.</p> <p>Attendance</p> <p>Attendance is mandatory and will be recorded regularly.</p> <p>Excellent attendance is expected.</p> <p>Students who miss more than 20% of the classes will be dropped from the course as per JUST policy.</p> <p>If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.</p> <p>Active learning and students? participation</p> <p>Students are expected to actively participate in class discussions. Withdraw</p> <p>Last day to drop the course is before the twelve (12th) week of the current semester</p> <p>Classroom Etiquette</p> <p>Respect</p> <p>Respect people, places, and things.</p> <p>Raise your hand to speak.</p> <p>Listen respectfully.</p> <p>Food and drink are not permitted in class.</p> <p>Do not engage in aside conversations.</p> <p>Participation or Disruption:</p> <p>Do not hesitate to ask questions at any time, especially if you are unsure of something.</p> <p>Listen to other students' questions to avoid asking the same question five minutes later.</p> <p>Allow your classmates to participate in class discussions and refrain from taking advantage of all opportunities for active participation.</p> <p>Cell Phones and Electronic Devices:</p> <p>Texting is not permitted in class.</p> <p>The use of cell phones, smartphones, or other mobile communication devices is disruptive and is therefore prohibited during class without permission.</p> <p>Your phone should be turned off. If you must keep your phone on, you should set it to vibrate or silent mode and leave class if you receive an emergency call.</p> <p>Except in emergencies, those using such devices must leave the classroom for the remainder of the class period.</p> <p>Do not use your laptop in class for browsing the Internet or using social media while in class. Missing a Class</p> <p>Do not miss classes. It is not appropriate to ask the professor if you missed anything important if you miss class. Obviously, something of importance was missed, you missed a whole class!</p> <p>Whenever you are absent from class, it is your responsibility to make up the work and to get notes, not your professor?s.</p> <p>If you need to leave early, notify the instructor.</p> <p>Be Punctual</p> <p>Make sure you arrive to class on time.</p> <p>Virtual Classroom Etiquette</p> <p>Be on time to class.</p> <p>Be in a quiet place and comfortable space. Mute your microphone when you are not speaking.</p> <p>Turn on your video (optional).</p> <p>Raise your virtual hand should you have any questions or want to contribute to class discussion.</p> <p>It is the responsibility of students to secure internet connections for their online courses to avoid interruptions and inconvenience during class time.</p> <p>Email Etiquette</p> <p>Type your email in the body of the email NOT in the subject line.</p> <p>Provide a clear subject line. Keep it short and to the point, but not vague. Name, class, and what the email is specifical</p>
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