



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

PHMD676 Clinical Training: Family Medicine

First Semester 2024-2025

Course Catalog

4 Credit Hours. This course consists of 4 weeks of hands-on training in various cardiovascular units. The training includes activities such as inpatients' follow-up and monitoring, attending the morning patient rounds, other periodical clinical rounds, discussing clinical cases and detailed evaluation of the pharmacotherapy as well as medication counseling for patients in the department.

Teaching Method: On Campus

Text Book

Title	Pharmacotherapy: A Pathophysiologic Approach
Author(s)	Joseph T. DiPiro, Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells, L. Michael Posey
Edition	11th Edition
Short Name	Ref # 1
Other Information	

Class Schedule & Room

Section 1:
 Lecture Time: Sun, Mon, Tue, Wed, Thu : 08:30 - 10:30
 Room: HOSPITAL

Section 2:
 Lecture Time: Sun, Mon, Tue, Wed, Thu : 10:30 - 12:30
 Room: HOSPITAL

Section 3:
 Lecture Time: Sun, Mon, Tue, Wed, Thu : 12:30 - 14:30
 Room: HOSPITAL

Section 4:
 Lecture Time: Sun, Mon, Tue, Wed, Thu : 14:30 - 16:30
 Room: HOSPITAL

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3, 4	Hypertension	From Ref # 1
Weeks 1, 2, 3, 4	Heart failure	From Ref # 1
Weeks 1, 2, 3, 4	Dyslipidemia	From Ref # 1
Weeks 1, 2, 3, 4	Asthma	From Ref # 1
Weeks 1, 2, 3, 4	Gastroesophageal Reflux Disease	From Ref # 1
Weeks 1, 2, 3, 4	Peptic Ulcer Disease	From Ref # 1
Weeks 1, 2, 3, 4	Migraine	From Ref # 1
Weeks 1, 2, 3, 4	Diabetes Mellitus	From Ref # 1

Weeks 1, 2, 3, 4	Thyroid disorders	From Ref # 1
Weeks 1, 2, 3, 4	Contraception	From Ref # 1
Weeks 1, 2, 3, 4	Urinary Tract Infection	From Ref # 1
Weeks 1, 2, 3, 4	Osteoporosis	From Ref # 1
Weeks 1, 2, 3, 4	Rheumatoid Arthritis	From Ref # 1
Weeks 1, 2, 3, 4	Osteoarthritis	From Ref # 1
Weeks 1, 2, 3, 4	Gout and Hyperuricemia	From Ref # 1
Weeks 1, 2, 3, 4	Allergic Rhinitis	From Ref # 1
Weeks 1, 2, 3, 4	Acne Vulgaris	From Ref # 1
Weeks 1, 2, 3, 4	Atopic Dermatitis (Eczema)	From Ref # 1
Weeks 1, 2, 3, 4	Anemia	From Ref # 1
Weeks 1, 2, 3, 4	Upper Respiratory Tract Infections	From Ref # 1
Weeks 1, 2, 3, 4	Urinary Tract Infection	From Ref # 1
Weeks 1, 2, 3, 4	Overweight and obesity	From Ref # 1
Weeks 1, 2, 3, 4	Sleep disorders	From Ref # 1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
To utilize tools to independently gather medication histories, physical findings, laboratory tests, and pharmacokinetic data to select and recommend optimal drug therapy for individual patients as necessary. [1PLO1.1, 1PLO2.1, 1PLO3.1, 1PLO4.4]	25%	
To identify potential drug-related problems through the monitoring of basic pharmacokinetic and pharmacodynamic parameters and assessing past and current patients' histories [1PLO1.1, 1PLO2.1, 1PLO3.1, 1PLO4.4]	25%	
To apply current drug therapy information from the literature and design recommendations and comprehensive pharmaceutical care plan utilizing evidence-based medicine. [1PLO1.1, 1PLO2.1, 1PLO3.1, 1PLO3.4, 1PLO3.6, 1PLO4.4]	30%	
Illustrate and explain to patients and/or caregivers the appropriate use of medications utilizing medication therapy management principles when possible. [1PLO1.1, 1PLO2.1, 1PLO3.1, 1PLO3.4, 1PLO3.6, 1PLO4.4]	20%	

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
20.83	20.83				20.83			8.33		8.33				20.83	

Evaluation	
Assessment Tool	Weight
Daily evaluation	10%
Attitude	5%
Quizzes	10%
Active learning/Formal case presentation	15%
Active Learning/In-service	10%
Active Learning/ORAL	10%
Final Exam	40%

Policy	
Communicating with Instructors	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. Students are required to check their emails and the E-learning page of the course regularly for announcements and notifications.

Exams	<p>All exams are closed books and notes. The final exam is comprehensive (covers all the material). The first, second, and midterm incomplete exams need approval from the departments? heads. The final incomplete exams need approval from the dean.</p>
Cheating	<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>
Attendance	<p>Attendance is mandatory and will be recorded regularly. Excellent attendance is expected. Students who miss more than 15% of the classes will be dropped from the course as per JUST policy. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.</p>
Active learning	<p>Students are expected to actively participate in class discussions.</p>

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