



**Jordan University of Science and Technology**  
**Faculty of Pharmacy**  
**Pharmacy Department**

PHAR401 Pharmaceutical Practical Training

Summer Semester 2022-2023

**Course Catalog**

3 Credit Hours. This course provides didactic material and practical training regarding retail setting of community pharmacy, dispensing skills and developing patient counseling skills in community pharmacy under the supervision of a registered pharmacist. Topics in this course cover medications dispensed for treatment of diseases attributed to major therapeutics systems. Upon completion of this course, students should be able to perform basic supervised dispensing and counseling techniques. In addition to that students should be able to gain knowledge about retail pharmacy setting, merchandising, administration and display and purchasing skills.

**Text Book**

<b>Title</b>	JFDA official website
<b>Author(s)</b>	JFDA
<b>Edition</b>	30th Edition
<b>Short Name</b>	Ref # 1
<b>Other Information</b>	<a href="http://www.jfda.jo/Pages/viewpage.aspx?pageID=184">http://www.jfda.jo/Pages/viewpage.aspx?pageID=184</a>

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Drugs in Jordan website	Drugs in Jordan	30th Edition	<a href="http://www.jodrugs.com/JoDrugs.aspx">http://www.jodrugs.com/JoDrugs.aspx</a>
Ref # 3	Community Pharmacy Symptoms, Diagnosis and Treatment	Paul Rutter	5th Edition	

**Instructor**

<b>Name</b>	<b>Mrs. ALAA SADEH</b>
<b>Office Location</b>	-
<b>Office Hours</b>	Sun : 08:30 - 10:30 Mon : 10:30 - 12:30 Tue : 13:30 - 14:30 Wed : 12:30 - 13:30
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**Instructor**

<b>Name</b>	<b>Mrs. Batoool Shhabat</b>
<b>Office Location</b>	-
<b>Office Hours</b>	Sun : 08:00 - 10:00 Mon : 08:00 - 10:00 Tue : 09:00 - 10:00 Wed : 08:00 - 09:00
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**Instructor**

<b>Name</b>	<b>Dr. Samah Al-Shatnawi</b>
<b>Office Location</b>	M5 L-4

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Instructor	
Name	Miss Najat Al Khatatbeh
Office Location	P2-L2
Office Hours	Sun : 11:30 - 12:30 Tue : 12:30 - 14:30 Wed : 10:30 - 11:30 Thu : 14:30 - 16:30
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Instructor	
Name	Mrs. Rafeef Massadeh
Office Location	P2 L-2
Office Hours	
Email	rafeef@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Thu : 08:30 - 11:30 Room: P1101
Section 2: Lecture Time: Thu : 08:30 - 11:30 Room: P1102
Section 3: Lecture Time: Thu : 08:30 - 11:30 Room: P1103
Section 4: Lecture Time: Thu : 08:30 - 11:30 Room: D4202
Section 5: Lecture Time: Thu : 08:30 - 11:30 Room: D4203
Section 6: Lecture Time: Thu : 08:30 - 11:30 Room: M1302
Section 7: Lecture Time: Thu : 08:30 - 11:30 Room: M3305

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Orientation and course introduction	
Week 2	Respiratory system medications	
Week 3	Gastrointestinal system medications	
Week 4	Endocrine system medications	
Week 5	Vitamins and supplements	
Week 6	Anti-infectious medications	
Week 7	Cardiovascular system medications	
Week 8	Smoking cessation	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Apply effective communication skills, verbally and nonverbally when interacting with an individual, group, or organization. [1PLO3.6]	10%	Midterm exam
Develop patient care as the medication expert. [1PLO2.1]	20%	Midterm exam
Assess patient healthcare needs using human, financial, technological, and physical resources for safe and efficacious medication use systems. [1PLO2.2]	30%	Final exam
Identify medication related problems and viable solutions. [1PLO3.1]	5%	Medication error report
Analyze therapeutic topics as related to the community pharmacy perspectives or settings [1PLO1.1]	10%	Topic presentations and case discussions
Demonstrate on personal knowledge, skills, and abilities representative of personal and professional growth. [1PLO4.1]	10%	Activities (counseling and reading prescription)
Relate between population-based care and patient centered care through the application of local practice guidelines and evidence based best practices. [1PLO2.4]	5%	In-site inspection and evaluation
Recognize determinants of health that are related to challenges within local practice settings. [1PLO3.5]	10%	Final exam

Relationship to Program Student Outcomes (Out of 100%)															
PLO1.1	PLO2.1	PLO3.2	PLO3.3	PLO2.2	PLO2.3	PLO2.4	PLO3.1	PLO3.4	PLO3.5	PLO3.6	PLO4.1	PLO4.2	PLO4.3	PLO4.4	PLO5.1
10	20			30		5	5		10	10	10				

Evaluation	
Assessment Tool	Weight
Midterm exam	30%
Final exam	40%
Topic presentations and case discussions	10%
Activities (counseling and reading prescription)	10%
Medication error report	5%
In-site inspection and evaluation	5%

Policy	
Community pharmacy policy / course activities	Submitting and completing all activities is mandatory to pass this course. Failure in completing any activity will result in (incomplete grade).
Attendance policy	JUST policy requires the faculty member to assign ZERO grade 35/100 if a student misses more than 10% of the class meetings that are not excused. (Three misses in class or pharmacy will result in course failure) If you miss a class meeting, it is your responsibility to find out about any announcements or assignments you may have missed. There will be no make up for quizzes, reports.
Community pharmacy instructions	<ul style="list-style-type: none"> <li>- Student should commit to daily practical training except on Thursdays (in campus training) and the pharmacy day off.</li> <li>- Training is preferred in community pharmacies in Jordan.</li> <li>- Students are responsible for finding a community pharmacy for their training.</li> <li>- The student must register for the course during the registration period (not during the withdrawal and addition period).</li> <li>- No other courses should be registered with the training. The student should be available for training activities, only.</li> <li>- The student must gather the pharmacy information as outlined in the training form and submit them online on pharmacy training link present in student services. This should be done after registering the course and within the 1st week after the beginning of training.</li> <li>- During your practical training you MUST comply to the general safety instructions. In addition, you have to wear a clean white lab coat with a badge of your name. You have to behave responsibly and professionally in pharmacy.</li> <li>- Course instructors/inspection team will conduct random field visits to trainees in pharmacies or make telephone calls to ensure that the students are being trained properly.</li> <li>- Assignments/Mydispense reports should be finished on weekly basis.</li> </ul>