



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

PHAR693 Clinical Training: Drug Information (For Pharm.D Students)

Summer Semester 2019-2020

**Course Catalog**

4 Credit Hours. Four training weeks; two weeks in drug information office in KAUH and two weeks in pharmacy one drug information center. This includes various activities such as: ? Create one Newsletter article in English for healthcare professional. ? Create one Arabic Brochure about medication or awareness of disease for community. ? Development of a drug or class-specific monograph for presentation. ? Thoroughly evaluating a clinical research article (?journal article?) from the drug literature (i.e., article from ? Pharmacotherapy,? a peer-reviewed clinically oriented journal) and stating an opinion on the validity of the study design, statistical analyses and results (Oral presentation). ? Understanding and demonstrating use of the available computerized resources: MEDLINE (PubMed / OVID / Gateway), Micromedex, Iowa Drug Information Service, etc. ? Selecting the most appropriate drug information literature sources for any given questions and answer them properly. ? Summarizing updated guidelines.

**Text Book**

<b>Title</b>	Drug information: a guide for pharmacist
<b>Author(s)</b>	Patrick M. Malone, Karen L. Kier, John E. Stanovich.
<b>Edition</b>	5th Edition
<b>Short Name</b>	RE#1
<b>Other Information</b>	

**Instructor**

Name	<b>Dr. Maha Al-Keilani</b>
Office Location	-
Office Hours	Sun : 09:00 - 10:00 Sun : 12:00 - 13:00 Mon : 09:00 - 10:00 Mon : 12:00 - 13:00 Tue : 09:00 - 10:00 Wed : 09:00 - 10:00
Email	mskeilani@just.edu.jo

**Class Schedule & Room**

Section 1:  
Lecture Time: Sun, Mon, Tue, Wed : -  
Room: HOSPITAL

Section 2:  
Lecture Time: Sun, Mon, Tue, Wed : -  
Room: HOSPITAL

Section 3:  
Lecture Time: Sun, Mon, Tue, Wed : -  
Room: HOSPITAL

Section 4:  
Lecture Time: Sun, Mon, Tue, Wed : -  
Room: HOSPITAL

### Tentative List of Topics Covered

Weeks	Topic	References
Week 1	- Modified systematic approach to answering questions.	From <b>RE#1</b>
Week 2	- Formulating effective responses and recommendations: a structured approach	From <b>RE#1</b>
Week 3	- Drug information resources.	From <b>RE#1</b>
Week 4	- Communication skills for the pharmacist.	From <b>RE#1</b>

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
To communicate with different requestors (patients, healthcare providers?.etc.) and answering their drug related questions. [1SO1.1, 1SO2.1, 1SO2.4, 1SO3.1, 1SO3.2, 1SO3.3, 1SO3.4, 1SO3.6]	30%	
To learn how to evaluate updated clinical trials by discussing the strengths and weakness for each part of the study. [1SO1.1]	10%	
To write Arabic brochure for commonly used drugs by outpatients that contains all needed information about administration method, doses, precautions, most common side effects, use in pregnancy and lactating and monitoring . [1SO1.1, 1SO2.1, 1SO2.4, 1SO3.2, 1SO3.4]	15%	
To counsel/ educate patients properly about their drugs and diseases and to make sure patients are receiving optimal management. [1SO2.1, 1SO2.2, 1SO2.4, 1SO3.2]	15%	
To learn how to deal with drug monograph by obtaining general information about drug, drug safety and summary of published evidence about efficacy and safety. [1SO1.1, 1SO3.2]	10%	
To summarize and discuss updated disease related guidelines from reliable resources. [1SO2.1, 1SO2.4, 1SO3.1]	20%	

### Relationship to Program Student Outcomes (Out of 100%)

SO1.1	SO2.1	SO3.2	SO3.3	SO2.2	SO2.3	SO2.4	SO3.1	SO3.4	SO3.5	SO3.6	SO4.1	SO4.2	SO4.3	SO4.4
21.75	17.17	15.50	3.75	3.75		17.17	10.42	6.75		3.75				

### Policy

Grading	<p>Assessment</p> <p>Assessment Type Expected due date</p> <p>During 4-weeks of rotation Weight</p> <p>Communication skills and answering requests Daily during 2 weeks in pharmacy one 15%</p> <p>Drug monograph Once during 2 weeks in KAUH 10%</p> <p>Newsletter Once during 2 weeks in KAUH 5%</p> <p>Arabic brochure Once during 2 weeks in KAUH 10%</p> <p>Summarizing guideline Once during 2 weeks in KAUH 10%</p> <p>Journal club Once during 2 weeks in KAUH 10%</p> <p>Written Quiz Once during 2 weeks in KAUH 5%</p> <p>General activity, appearance and attendance Daily 5%</p> <p>Final Exam Written exam</p> <p>The last day of the 4th week</p> <p>30%</p> <p>Total 100%</p>
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