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

PHMD517 Drug Literature Evaluation Practical (For Pharm D Students) - JNQF Level: 7
First Semester 2024-2025

Course Catalog
1 Credit Hours. Discussion of published scientific articles/reports to develop students skills in evaluating, analyzing scientific literature, to be able to extract useful clinical and drug-related information/conclusions.
Teaching Method: On Campus

Text Book	
Title	Designing Clinical Research
Author(s)	Hulley, Stephen B. et al.
Edition	5th Edition
Short Name	Ref #1
Other Information	

Instructor	
Name	**Mrs. Rania Jammal**
Office Location	P2 L-0
Office Hours	Sun : 12:30 - 14:30 Mon : 10:30 - 12:30 Mon : 14:30 - 15:00 Tue : 09:30 - 10:30 Thu : 14:30 - 15:00
Email	rmjammal@just.edu.jo

Class Schedule & Room

Section 1:
　Lecture Time: Sun : 10:30 - 12:30
　Room: LAB

Section 3:
　Lecture Time: Mon : 12:30 - 14:30
　Room: LAB

Section 4:
　Lecture Time: Tue : 10:30 - 12:30
　Room: LAB

Section 5:
　Lecture Time: Tue : 12:30 - 14:30
　Room: LAB

Section 6:
　Lecture Time: Wed : 12:30 - 14:30
　Room: LAB

Section 7:
　Lecture Time: Thu : 10:30 - 12:30
　Room: LAB

Section 8:
　Lecture Time: Thu : 08:30 - 10:30
　Room: LAB

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

Tentative List of Topics Covered		
Weeks	**Topic**	**References**
Week 1	Course overview	
Week 6	Citation and references (endnote)	
Week 2	Journal Club (orientation)	
Week 3	Journal Club (orientation)	
Week 4	Literature & Review (orientation)	
Week 5	Quiz 1: Study subjects: specifications, sampling and recruitment, planning measurements: precision, and accuracy	
Week 7	Journal club (case-control)	
Week 8	Journal club (RCT)	
Week 9	Journal club (RCT or any observational)	
Week 10	Quiz 2: Case control, cross sectional and RCT	
Weeks 11, 12, 13	Literature review presentations	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify the basic elements of clinical research, methods of data collection and recording, sample size determination, the types of validity and variables [1PLO1.1] [1L7K1]	20%	
Use proper citation methods, styles and software [1PLO2.2] [1L7S1]	15%	
Evaluate clinical research and studies including clinical trials and observational studies [1PLO3.1] [1L7S3]	30%	
Compose literature review paper and presentation on clinical pharmacy related question. [1PLO3.2] [1L7C1]	35%	

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		15			30	35									

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S1	L7S3	L7C1
20	15	30	35

Evaluation	
Assessment Tool	**Weight**
Journal Club Presentation	20%
Quizzes	10%
Literature review paper	10%
Literature review presentation	15%
Homework Assignment	5%
Final Exam	40%

Policy	
Exams	- 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.
Attendance	According to JUST policy requires the faculty member to assign ZERO grades (35) if a student misses 10% of the classes that are not excused. - Attendance is mandatory and will be recorded regularly. - Excellent attendance is expected. - If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.
Active learning and students Participation	- Students are expected to actively participate in class discussions. Bonus marks may be provided on lectures for answering specific assigned questions or doing specific activity.
Cheating	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. المادة 7: إذا ضُبط الطالب أثناء الامتحان أو الاختبار متلبساً بالغش فتوقع عليه العقوبات التالية مجتمعة: أ- اعتباره راسباً في ذلك الامتحان أو الاختبار. ب- الغاء تسجيله في بقية المساقات المسجل لها في ذلك الفصل. جـ- فصله من الجامعة لمدة فصل دراسي واحد، و هو الفصل التالي للفصل الذي ضبط فيه.
Withdraw	- According to dates specified on the university calendar. Usually the last day to drop the course is before the twelve (12th) week of the current semester.
Classroom Etiquette	- Respect o Respect people, places, and things. o Raise your hand to speak. o Listen respectfully. o Food and drink are not permitted in class. o Do not engage in aside conversations. - Participation or Disruption: o Do not hesitate to ask questions at any time, especially if you are unsure of something. o Listen to other students' questions to avoid asking the same question five minutes later. o Allow your classmates to participate in class discussions and refrain from taking advantage of all opportunities for active participation. - Cell Phones and Electronic Devices: o Texting is not permitted in class. o The use of cell phones, smartphones, or other mobile communication devices is disruptive and is therefore prohibited during class without permission. o 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. o Except in emergencies, those using such devices must leave the classroom for the remainder of the class period. o Do not use your laptop in class for browsing the Internet or using social media while in class. - Missing a Class o 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! o Whenever you are absent from class, it is your responsibility to make up the work and to get notes, not your professors. o If you need to leave early, notify the instructor. - Be Punctual o Make sure you arrive to class on time.

Email Etiquette	- Type your email in the body of the email NOT in the subject line.
	- Provide a clear subject line. Keep it short and to the point, but not vague. Name, class, and what the email is specifically about should be in the subject line.
	- Body of the email: Your emails should always start with a formal greeting like you would in a letter, be brief (one screen length), check your spelling/grammar/punctuation, use a professional font (not decorative), and include a salutation aligned with your message (Thank you or Sincerely).
	- Avoid sending an email to your professor asking about grades or complaining about them. Schedule an appointment to meet in person to discuss areas for improvement if you have inquiries.
	- Consider the impression your tone will make in the email. It is recommended waiting 24 hours before sending an email or responding to an email if you are emotionally charged.
	- It is not appropriate to write in ALL CAPS. This conveys the impression that you are shouting at the recipient.
	- Make sure you read and reread your email before sending it. Make sure your emails are grammatically correct, have proper titles, and are properly spelled.
	- If you have multiple questions or the message runs long, you might consider revising the message or scheduling a face-to-face meeting.
	- You should double-check your ATTACHMENTS. Refer to your attachments within the body of your email. It is advisable to avoid attaching large files and to consider sending the document as a PDF.
	- Please allow sufficient time for a response. The sender and receiver should both allow sufficient time. As a rule of thumb, 24 work hours should be given. If sending emails after official work hours or during formal vacations, a delay in response is expected. Following that, if no response is received, you can follow up.
	- Effective Email Writing: Template for Email: Subject, Salutation, Introduce yourself, Your request, Closing remarks, Your name.