



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Pharmacy Practice 3
2	Course number	(1203516)
3	Credit hours (theory, practical)	1 (practical)
	Contact hours (theory, practical)	1 (practical)
4	Prerequisites/corequisites	Pharmacy practice 2
5	Program title	PharmD
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Pharmacy
9	Department	Biopharmaceutics & Clinical Pharmacy
10	Level of course	undergraduate
11	Year of study and semester (s)	second semester of the 5 th year
12	Final Qualification	PharmD
13	Other department (s) involved in teaching the course	Pharmaceutical Sciences & Pharmaceutics
14	Language of Instruction	English
15	Date of production/revision	10 February 2016

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

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Office 206

Phone 0798518868.

E-mail: Needa.zalloum@yahoo.com.

Office hours: Sunday 2-3. Monday 2-3.

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Ph. Rawia nazeh

Office 206

Phone 0777456267.

E-mail: ph.rawia@hotmail.com

Office hours: Sunday 2-3. Monday 2-3.

18. Course Description:

As stated in the approved study plan.

This hospital training is directed toward training the students to use the theoretical and basic principles of pharmacology, therapeutic and clinical courses in dealing with real cases to identify and resolve different treatment

related problems.

19. Course aims and outcomes:

A- Aims:

1. Assess patient related needs and identify different types of Treatment Related Problems (TRPs).
2. Communicate effectively with patients, physicians, and other health care professionals. (This includes both oral and written communication).
3. Document recommendations in the form of a SOAP note.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...

A. Knowledge and Understanding: Student is expected to

- A1- To be able to read and understand medical files and medication sheets and lab data in real cases.
A2- Understanding Pharmacotherapy of different diseases.

B. Intellectual Analytical and Cognitive Skills: Student is expected to

- B1- To identify treatment related problems for real cases
B2 To classify the problems properly according to the classification system in the manual.

C. Subject-Specific Skills: Student is expected to

- C1-To solve Treatment Related Problems

D. Transferable Key Skills: Students is expected to

- D1- To improve skills in patients interview.
D2-know how to implement clinical practice guidelines in everyday settings

ILOs: Learning and Evaluation Methods

ILO/s	Learning Methods	Evaluation Methods
A-D (all previous ILO's)	Practical training in JU hospital	1.Pharmaceutical Care Manual 2.Formal Discussion 3. Final Exam
Transferable key skills	Creating brochure on a disease assigned by instructor	Brochure

Competances:

- 1.1 Recognize pharmacological classes of drugs
- 1.3 Characterize different dosage forms of medicines and their proper usage

- 1.4 Identify different routes of administration of medicines
- 1.6 Recognize and follow proper storage conditions of medicines
- 1.13 Advise patients on proper storage, usage and adherence of dispensed medicines
- 1.14 Verify patient's understanding of all instructions related to dispensed medicines
- 1.17 Advise patients about the proper use of medical devices and other non-medicinal pharmaceutical products
- 1.18 Advise patients to seek further medical assistance whenever needed
- 1.19 Consider special needs of patients and act according to them
- 2.4 Assess symptoms and diagnostic tests and correlate them with associated diseases
- 2.7 Recognize important medical terms
- 2.8 Identify indications, side effects and contraindications of medicines
- 2.9 Identify drug-drug and drug-food interactions of medicines
- 2.10 Identify basic principles of drug pharmacokinetics and recognize disease conditions and other factors that interfere with safety and efficacy of medicines
- 2.11 Assess patients medical records
- 2.12 Interview patients to obtain further information about their medical history, use of medicines, drug allergies and any other factors potentially affecting their therapy
- 2.13 Respect and protect the confidentiality of patient's information
- 2.14 Maintain, review and update medicine records of patients
- 2.15 Verify that patient therapy is based on best scientific evidence available
- 2.16 Engage patients in decisions about their therapy
- 2.17 Advise patients and other health professionals on proper usage of medicines including their strength, frequency, dosage form and route of administration
- 2.18 Identify any medicament-related problems and take appropriate actions to resolve them
- 2.19 Recommend necessary modifications to patient therapy to optimize its safety and efficacy
- 5.1 Communicate effectively with patients and other healthcare professionals
- 5.3 Express ideas, instructions and information in a clear and comprehensible manner
- 5.5 Respond effectively to enquiries presented by patients and other healthcare professionals
- 5.6 Exhibit negotiation and influencing skills to resolve conflicts
- 5.7 Build positive relationships with patients and other healthcare professionals
- 5.8 Acknowledge and respect cultural and religious differences among patients and colleagues
- 5.9 Listen to patients and respect their views and choice of treatment options
- 6.2 Characterise the national health care system and the role of the pharmacist and other healthcare professionals
- 6.5 Ensure patient confidentiality
- 6.6 Respect the legal rights of patients
- 6.7 Provide patients with equal services and treatment regardless their cultural or religious differences

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Case 1	1		<i>All ILOs apply</i>	<i>Pharmaceutical Care Manual</i>	
Case 2	2		<i>All ILOs apply</i>	<i>Pharmaceutical Care Manual</i>	

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Training procedure:

-In each training course the students will be divided into groups. Each group will undergo training in the hospital for two weeks (daily from 2pm-5pm)

- Each student in the group will be responsible for one case in the team (2 week), and will follow up the case till discharge.

- The student will be asked to identify the treatment related problems and try to resolve them according to the international guidelines.

-Each student will prepare presentation about one case, and will discuss it with his/her supervisor.

Hospital training teams:

The students will be divided into the following teams:

- Cardiovascular team
- Respiratory team
- Oncology team
- Surgery
- Pediatrics

Learning skills:

1. Critical thinking
2. Digital literacy
3. Problem-solving skills
4. Self-directed learning

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

1. Exams
2. Discussion
3. Manual
4. Students brochure on assignments

23. Course Policies:

A- Attendance policies:

Attendance: Mandatory.

First warning – with 1 absences

Last warning – with 2 absences

Failing in the subject – with 2 absences

B- Absences from exams and handing in assignments on time:

Will result in zero achievement unless health report or other significant excuse is documented.

C- Health and safety procedures:

NA

D- Honesty policy regarding cheating, plagiarism, misbehavior:

The participation, the commitment of cheating will lead to applying all following penalties together

- 1) Failing the subject he/she cheated at
- 2) Failing the other subjects taken in the same course
- 3) Not allowed to register for the next semester. The summer semester is not considered as a semester

E- Grading policy:

Evaluation

Evaluation	Point %	Date
Cases	20	<i>To be assigned by instructor</i>
Case Discussion	10	<i>To be assigned by instructor</i>
Brochure	10	<i>To be assigned by instructor</i>
Mid-term exam	20	<i>To be assigned by instructor</i>
Final Exam	40	<i>To be assigned by coordinator</i>

F- Available university services that support achievement in the course:

internet

24. Required equipment:

Internet connection

25. References:

A- Required book (s), assigned reading and audio-visuals:

- Drug Information Hand book.

- www.medlineplus.com (for patient counseling).
- www.guidelines.gov (International guidelines)

B- Recommended books, materials, and media:

- www.guidelines.gov (International guidelines)
- Applied therapeutic (Koda-Kimble).
- Pharmacotherapy (Dipiro).
- www.drugs.com (for drug-drug interactions)
- www.pubmed.com (Clinical trials).

26. Additional information:

N/A

Name of Course Coordinator: needa zalloum Signature: ----- Date: 10/2/2016

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- Signature: -----

Copy to:
Head of Department
Assistant Dean for Quality Assurance
Course File