

**The University of Jordan**

**Accreditation & Quality Assurance Centre**

**COURSE Syllabus**

Practice III

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| **1** | Course title | Practice III |
| **2** | Course number | **(1203516)** |
| **3** | Credit hours (theory, practical) | 1 |
| Contact hours (theory, practical) | 3 hours/day for 2 weeks |
| **4** | Prerequisites/corequisites |  |
| **5** | Program title | PharmD |
| **6** | Program code |  |
| **7** | Awarding institution |  |
| **8** | Faculty | Faculty of Pharmacy |
| **9** | Department | Biopharmaceutics and Clinical Pharmacy |
| **10** | Level of course | 4th/5th year |
| **11** | Year of study and semester (s) | Fall semester 2020/2021 |
| **12** | Final Qualification |  |
| **13** | Other department (s) involved in teaching the course |  |
| **14** | Language of Instruction | English |
| **15** | Date of production/revision | January 2019 |

16. Course Coordinator:

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| *Ph.Maisa Abu Kamar*  *e-mail:*  m.kamar@ju.edu.jo  *Office Hours: TBA* |

17. Other instructors:

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| *Ph.Taqwa Shaban*  *Ph.Dana Al Taweel*  *Ph. Rawia Nazeh* |

**18. Course Description:**

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:**

**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.

4. Understand steps of Pharmaceutical Care, learn how to collect patient data base, learn counseling skills and methods, write" Pharmacist Care Plan" and "Pharmacist monitoring sheet", and apply all skills learned to patient care.

**Upon successful completion of this course students will be able to:**

A] Foundational knowledge

Remember

1. How to read medical files and medication sheets and lab data in real cases.
2. How to collect patient data base
3. Show counseling and interviewing skills.

Understand

1. Classify the problems properly according to the classification system in the manual.

Applying

1. Make use of knowledge in disease pharmacotherapy and patho-physiology, pharmacokinetics and other pharmaceutical subjects to the process of patient care.

Analyze

6) Identify treatment related problems for real cases.

Creating

1. Build positive relationships with patients and other healthcare professionals
2. Develop independent problem-solving abilities through using existing resources with a particular emphasis on the use of current literature.

B] Skills essential to practice pharmacy

Proactively investigates new knowledge, approaches or behavior and takes steps to evaluate and improve performance (Self-learner)

9) Proactively investigate, collect and interpret information related to real cases through browsing the internet based professional web sites, medical guidelines & journal databases (MEDLINE, e-library)

10) Communicate effectively with patients, caregivers, pharmacy personnel, other health care professionals, community members, policy makers and administrators (communicator)

Communicate effectively with and counsel patients regarding their medications (communicator)

C] Attitudes and behaviors necessary for personal and professional development

Exhibit behaviors and values which are consistent with the trust given to the profession by patients, other healthcare providers, and society (Professional)

11) Demonstrate integrity by not cheating and not committing plagiarism

12) Demonstrate respect to professors and classmates by observing active listening inside the classroom

**Upon successful completion of this course students will be able to:**

1. How to read medical files and medication sheets and lab data in real cases.
2. How to collect patient data base
3. Show counseling and interviewing skills.
4. Classify the problems properly according to the classification system in the manual.
5. Make use of knowledge in disease pharmacotherapy and patho-physiology, pharmacokinetics and other pharmaceutical subjects to the process of patient care.
6. Identify treatment related problems for real cases.
7. Build positive relationships with patients and other healthcare professionals
8. Develop independent problem-solving abilities through using existing resources with a particular emphasis on the use of current literature.
9. Proactively investigates new knowledge, approaches or behavior and takes steps to evaluate and improve performance (Self-learner), and proactively investigate, collect and interpret information related to real cases through browsing the internet based professional web sites, medical guidelines & journal databases (MEDLINE, e-library).
10. Communicate effectively with patients, caregivers, pharmacy personnel, other health care professionals, community members, policy makers and administrators (communicator), communicate effectively with and counsel patients regarding their medications (communicator).
11. Demonstrate integrity by not cheating and not committing plagiarism.
12. Demonstrate respect to professors and classmates by observing active listening inside the classroom.

**Learning skills:**

Critical thinking

Digital literacy

Problem-solving skills

Self-directed learning

**20. Topic Outline and Schedule:**

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| --- | --- | --- | --- |
| Topic | Week | Instructor | Reference |
| Introduction | 1 |  | *How to fill the Manual* |
| Case 1 | 1 |  | *Pharmaceutical Care Manual* |
| Case 2 | 2 |  | *Pharmaceutical Care Manual* |
| Case discussion | 3 |  |  |

21. Teaching Methods and Assignments:

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| --- | --- | --- | --- |
| Topic | Week | Instructor | Methods |
| -Introduction  How to read a file  How to fill in the manual | 1 |  | Practical training in Jordan university hospital(JUH)and asynchronous lectures (Videos /MS-Teams) |
| Case 1: common case for each group from JUH | 1 |  | *Practical Training in JUH* |
| Case 2 : individualized real cases from JUH | 2 |  | *Practical training in JUH* |
| Case discussion | 3 |  |  |

22. Evaluation Methods and Course Requirements:

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| --- | --- | --- | --- | --- |
| Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:   |  |  | | --- | --- | | **ILO/s** | **Evaluation Methods** | | **1-8** | Exams, Pharmaceutical care Manuals, case discussion | |

23. Course Policies:

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| A- Attendance policies:  First warning- with 1 absence  Second warning- with 1 absence  Failing in the module- with 2 absences  B- Absences from exams and handing in assignments on time:   * Midterm exam: a justified excuse should be submitted and accepted by the instructor in order to be eligible for a makeup. * Final Exam: a justified excuse should be submitted and accepted by the Dean in order to be eligible for and "incomplete" exam. * Failure to hand assignments on time will result in deduction of marks.   C- Health and safety procedures:  D- Honesty policy regarding cheating, plagiarism, misbehaviour:  The participation, the commitment of cheating, plagiarism or misbehaviour 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:   * Midterm Exam (30%) * Case#1 (5%) * Case#2 (15%) * Case #2 Discussion (10%) * Final Exam (40%)   F- Available university services that support achievement in the course:   * E-Library, Virtual Pharmacy |

24. Required equipment:

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| * *Pharmaceutical Care Manual* * Drug Information Hand book. |

**25. References:**

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| * www.guidelines.gov (International guidelines) * Applied therapeutic (Koda-Kimble). * Pharmacotherapy (Dipiro). * Drug Information Hand book. * [www.drugs.com](http://www.drugs.com) ( for drug-drug interactions) * [www.pubmed.com](http://www.pubmed.com) (Clinical trials). * [www.medlineplus.com](http://www.medlineplus.com) (for patient counseling).   **Textbooks:**   1. Pharmacotherapy: A Pathophysiological Approach, ed. DiPiro, 10th edition. McGraw-Hill Medical. ISBN-13: 978-0071800532. 2. Communication Skills in Pharmacy Practice: A Practical Guide for Students and Practitioners. Robert S. Beardsley, Carole L. Kimberlin, William N. Tindall. 2011. SBN-13: 978-1608316021 |

26. Additional information:

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| **Course Material and Announcements:**  Course related announcements, all lecture handouts and guidelines will be posted through one representative student on specific course group and it is the responsibility of each student to check the site regularly.  **Grievance Policy**  According to the general policies applied at the University of Jordan for grievance, when there is a complaint or conflict between a student and an academic/staff member or another student, the following procedures must be followed:   1. The student writes a formal complaint describing the situation of conflict to the Dean of the School or the President of the University. 2. Dean or President will first try to resolve the controversy by meeting/listening to both parties. 3. If agreement was not possible, Dean or president forms an investigation committee which will follow, within a specified timeline, the general policies for relevant circumstances. The following points are considered:   a.       The committee will meet/talk to both parties and witnesses (if applicable) within two weeks of conflict.  b.      All meetings and discussions are documented according to the university policies.  c.       Results/ recommendations will be sent to the Dean or President who is responsible for their implementation. |

Name of Course Coordinator: Maisa Abu Kamar------------------Signature: -------------------------

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