



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

PHMD693 Clinical Training: Drug Information - JNQF Level: 7

First Semester 2023-2024

**Course Catalog**

4 Credit Hours. Four experiential training weeks in a drug information center.

**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>           | 7th Edition  |
| <b>Short Name</b>        | Ref. 1   |
| <b>Other Information</b> |  |

**Class Schedule & Room**

Section 1:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 08:30 - 10:30  
Room: HOSPITAL

Section 2:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 08:30 - 10:30  
Room: HOSPITAL

Section 3:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 10:30 - 12:30  
Room: HOSPITAL

Section 4:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 10:30 - 12:30  
Room: HOSPITAL

Section 5:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 12:30 - 14:30  
Room: HOSPITAL

Section 6:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 12:30 - 14:30  
Room: HOSPITAL

Section 7:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 14:30 - 16:30  
Room: HOSPITAL

Section 8:  
Lecture Time: Sun, Mon, Tue, Wed, Thu : 14:30 - 16:30  
Room: HOSPITAL

**Tentative List of Topics Covered**

| Weeks  | Topic  | References         |
|--------|--|--------------------|
| Week 1 | - Modified systematic approach to answering questions.                       | From <b>Ref. 1</b> |
| Week 2 | - Formulating effective responses and recommendations: a structured approach | From <b>Ref. 1</b> |

|        |   |             |
|--------|---|-------------|
| Week 3 | - Drug information resources              | From Ref. 1 |
| Week 4 | - Communication skills for the pharmacist | From Ref. 1 |

| Mapping of Course Outcomes to Program Outcomes and NQF Outcomes  | Course Outcome Weight (Out of 100%) | Assessment method |
|--|-------------------------------------|-------------------|
| Demonstrate a thorough understanding of the complete process of appropriately handling drug information questions and consultations. [1PLO3.6] [1L7S1, 1L7S2]  | 40%                                 |                   |
| Demonstrate a minimum knowledge of varied drug information resources. [1PLO3.1] [1L7K1]  | 20%                                 |                   |
| Develop an ability to critically assess drug literature in preparation to answer a question. [1PLO1.1] [1L7S2, 1L7S3]  | 20%                                 |                   |
| Demonstrate an understanding of the pathophysiology and pharmacotherapy of the most common acute and chronic disease states encountered in the drug/medical information setting [1PLO2.1] [1L7S1, 1L7S2] | 20%                                 |                   |

| 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   | 20     |        |        |        | 20     |        |        |        |        | 40     |        |        |        |        |        |

| Relationship to NQF Outcomes (Out of 100%) |      |      |      |
|--|------|------|------|
| L7K1                                       | L7S1 | L7S2 | L7S3 |
| 20   | 30   | 40   | 10   |

| Evaluation                                  |        |
|---|--------|
| Assessment Tool                             | Weight |
| Communication skills and answering requests | 10%    |
| Drug monograph                              | 10%    |
| Newsletter                                  | 5%     |
| Arabic brochure                             | 10%    |
| Guideline Summary                           | 10%    |
| Journal club                                | 10%    |
| Written quiz                                | 10%    |
| General activity and attendance             | 5%     |
| Final exam                                  | 30%    |

| Policy                                     |  |
|--|--|
| Attendance                                 | Excellent attendance is expected.<br>JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 15% of the classes. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed   |
| Cheating                                   | 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<br>المادة 7: إذا<br>ضبط الطالب أثناء الامتحان أو الاختبار متلبسا بالغش فتوقع عليه العقوبات التالية مجتمعة: أ- اعتباره راسيا في ذلك الامتحان أو الاختبار. ب- الغاء تسجيله في بقية المساقات المسجل بها في ذلك الفصل. ج- فصله من الجامعة لمدة فصل دراسي واحد، و أو الفصل التالي للفصل الذي ضبط فيه |
| Exams                                      | All exams are closed books and notes. The final exam is comprehensive (covers all the material).<br>The first, second, and midterm incomplete exams need approval from the department's heads.<br>The final incomplete exams need approval from the dean.  |
| Active learning and students participation | Students are expected to actively participate in class discussions.  |
| Withdraw                                   | Last day to drop the course is before the twelve (12th) week of the current semester.  |