Course no.: 1210402
Credit hours: 2

**Course Description**
The pharmacy field training II course is a 16-week didactic training program over one academic semester. This course consists of 160 hours of externship in hospital pharmacy setting. Ideally, student should enroll in this course in the summer following the fourth professional year. Hospital pharmacies throughout Jordan are used for this experience.

**Learning objectives**
The principal objective of this course is to familiarize students with fundamentals of pharmacy practice in hospital setting.

**Intended Learning Outcomes (ILOs):**
Successful completion of the course should lead to the following outcomes:

**A. Subject Specific Skills:**
1. Participate in accurate prescription processing.
2. Provide effective patient education and display appropriate communication skills.
3. Demonstrate knowledge and skills regarding IV admixture preparations.
4. Demonstrate knowledge and skills regarding prescription compounding.
5. Demonstrate knowledge of purchasing, inventory control, & quality assurance.

**B. Core academic skills:**
1. Demonstrate knowledge and skills about the fundamentals of pharmacy practice in hospital setting.
2. Display appropriate professional behavior and work ethic.
3. Demonstrate cultural and social competency.

**C. Personal and Key Skills**
1. To be able to transfer knowledge to health professional colleagues.
2. To be able to transfer instructions based on his knowledge to patients.

**Learning/Teaching methods**
- A. Practice in hospital pharmacy
- B. Reports
- C. Discussion with hospital pharmacist and faculty supervisor
- D. Seminars

**Assessment:**

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<th>Assessment</th>
<th>Percentage</th>
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<tr>
<td>Discussion with faculty supervisor</td>
<td>30</td>
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<tr>
<td>Quizzes</td>
<td>20</td>
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<td>Pharmacy performance evaluation</td>
<td>10</td>
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<tr>
<td>Final exam</td>
<td>40</td>
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This is a pass/fail course.

**Syllabus plan**

**Week 1-2**
- Student distribution to the assigned pharmacy by the allocated hospital
- Identify the instructions and regulations of field training at the allocated hospital Pharmacy
- Identify all of the committee and field training supervisors and university professors.
- Week 2-3

**Week 3-8**
- Participate in Accurate Prescription Processing according to the following:
  - Receive and interpret prescriptions (order entry).
  - Assess a prescription for necessary components (drug, dose, route and frequency) and safety (order verification).
  - Compare medication products against labels for accuracy (checking).
  - Actively listen to patients, peers, and other health care professionals (could be during patient counseling, medication history).
  - Determine the appropriate means of communication for the situation.
  - Distribute prescriptions using automation, robotics, a tube system or direct unit delivery.

**Week 9-12**
- Demonstrate Knowledge of a Unit Dose System:
➢ Identify key elements of a unit dose system.
➢ Identify different services pharmacy technicians provide and the role they play in hospital drug distribution.
➢ Participate in medication storage, pre-packaging and distribution.
➢ Identify relevant laws and standards regarding a unit dose system.

**Week 12-16**
- Demonstrate Knowledge of an Intravenous Admixture System
  ➢ Observe and describe proper procedures for dispensing sterile products.
  ➢ Observe and describe special handling, preparation and administration procedures for IV drug products (chemo, TPN, etc.)
  ➢ Discuss technology in IV drug mixing.
  ➢ Discuss different types of equipment used with IV therapy.

**References**

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<tr>
<th>ISBN</th>
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