



**The Hashemite University**  
**Faculty of Allied Health Sciences**  
**Methods in Patient Care/ Theory**  
**Course Syllabus**  
**2016-2017**

**Course Title:** Methods in Patient Care  
**Course Number:** 140508316  
**Pre Requisites:** -  
**Credit Hours:** 2 credits

**Faculty:** Dr. Hanan Al-Modallal  
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**Office Location:** Nursing Building, Office # 3094

**Date and Time:** Section 1: Thursday 9-11 Room # 204 (Faculty of Allied Health Sciences Building)

**Office Hours:** Thursday 11-12.  
**Course Coordinator** Dr. Hanan Al-Modallal

**Course Description:**

This course develops knowledge and skills basic to patient care undergoing radiographic procedures. Topics include patient communication, patient assessment, and safety of patient and healthcare provider in the health care facility. Focus extends to include proper body mechanics and patient positioning to promote comforting for patient and radiographer. Basics of infection control and methods of medical asepsis were focused on especially when dealing with patients undergoing certain invasive procedures. Finally, methods of dealing with patients with special conditions were such as trauma, cerebrovascular accidents, and stroke were discussed.

**Course Objectives:**

A. General objective:

Students will gain understanding of the fundamental concepts of patients care while in the hospital or undergoing a special radiographic procedure. Students will become familiar with some procedures relevant to patient condition and will be able to relate them to patient overall health and well being. Relationship between certain procedures, radiographic procedure, and patient overall health will be emphasized

**The main Intended Learning Outcome (ILO) that is measured throughout this course is "Critical Thinking."** This ILO is conceptually defined as "a cognitive process that aims at using the rational and logical examination of ideas for the purposes of understanding, problem solving, and decision-making." Critical thinking will facilitate the process of *teaching/ learning*, which is originally a change in thinking or behavior.

## **Intended Learning Outcomes:**

- I- Caring
- II- Communication
- III- Critical thinking
- IV- Therapeutic intervention
- V - Leadership
- VI- Employer's satisfaction

### B. Specific Objectives:

**The specific objectives of this course are built based on Bloom's taxonomy. The domains of this theory are Cognitive:** mental skills (*Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation*). **Affective:** growth in feelings or emotional areas (*Attitude, Receiving Phenomena, Responding to Phenomena, Valuing, Organizing, Internal Valuing*). **Psychomotor:** manual or physical skills (*Skills, Perception, Set, Guided Response, Mechanism, Complex Overt Response, Adaptation, Origination*).

## **Intended Learning Outcomes (ILOs) will be achieved via student's ability to:**

### **Caring:**

- Apply basic procedures relevant to patient care.
- Relate specific procedures to specific patients
- Know how to perform radiographic procedure based on patient condition and environment

### **Communication:**

- Use appropriate communication skills with peer on the profession.
- Be able to communicate appropriately with patient taking into consideration their health and condition

### **Critical Thinking:**

- Understand basic concepts relevant to patient care.
- Differentiate between inpatient and outpatient while performing the radiographic procedure.
- Understand differences in patients based on their condition and environment.
- Analyze conclusions of patients before performing the radiographic procedure.

### **Therapeutic Intervention**

- Apply basic skills based on patient condition.
- Determine patient care based on a sound evidence base.
- Understand that patients undergoing the same radiographic procedure are different.

### **Leadership:**

- Propose strategies to promote health at selected fields.
- Identify sources of patient data.

### **Employers' Satisfaction**

- Find ways to market self through presenting different treatment modalities to the consumer.
- Satisfy the employer by presenting ability to perform basic skills relevant to patient condition.

### **Teaching Methods:**

- Handouts
- Audiovisuals
- Discussions
- Guest speakers
- Class activities to promote critical thinking

### **Required Text book:**

Ehrlich, R., A., McCloskey, E. D., & Daly, J., A. (2004). *Patient Care in Radiography with an Introduction to Medical Imaging*. Mosby: An Affiliate of Elsevier. **Sixth edition.**

Adler, A., M., & Carlton, R., R. (2007). *Introduction to Radiologic Sciences and Patient Care*. Saunders: Elsevier. **Fourth edition**

**OR**

Torres, L.,S. (1989). *Basic Medical Techniques and Patient Care for Radiologic Technologists*. J. B.Lippincott Company: Philadelphia. Third Edition.

### **Evaluation Methods:**

First Examination	30%	Thursday 27/10/2016
Second Examination	30%	Thursday 1/12/2016
Final examination	40%	To be Arranged

### **Course's Policy:**

1. The general rule is the regular attendance of students for all lectures.
2. It is not allowed for any student to be absent for more than 15% of course's credit hours.
3. The student whose absence exceeds the 15% of course's credit hours (4 lectures) without an acceptable excuse will not be allowed to take the final exam and his/her record in the course will be marked by "failed".
4. When students get absent for more than 15% of course's credit hours with an acceptable excuse, their record will be marked by "withdraw" for the course.
5. Students who represent the Kingdom and the university in curricular or extracurricular activities are allowed to be absent up to 20% of course's credit hours.
6. Any sick leave is to be issued or considered by the university's doctors and should be submitted to the course instructor within a week to be able to take a make-up exam; if not the student will be considered failed in that exam.
7. If a student is absent from a final exam he/she should show an acceptable excuse as soon as the cause of absence is eliminated to avoid "failed" in the course. Such excuse should be directed and approved by the Dean. Only, the university's doctors or an Emergency Room of a governmental hospital or clinic could issue a medical report for an absent student. The make up final exam should be taken during the second week of the next

semester, in maximum. The summer course is considered as “a next” semester for this purpose.

8. Your ID should be available at the time of exam.

9. Turn off your mobile during the lecture.

**Students With Special Needs:** Students with special needs should consult with their course coordinator to be able to provide them with resources and help when needed.

**Attention**

Notes for this course will be available for students before each class.

### Course Outline

Week	Topic	Readings
Week 1	<b>Introduction</b>	
Week 2	<b>Professional Roles and Behaviors</b> <ul style="list-style-type: none"> <li>- Health Care team</li> <li>- Radiography as a profession</li> <li>- Job satisfaction</li> <li>- Professional behavior</li> <li>- Legal considerations</li> </ul>	<b>Chapter 2</b> Ehrlich et al., (2004)  <b>Chapter 22</b> Carlton (2007)
Week 3&4	<b>Professional Attitudes and Communication</b> <ul style="list-style-type: none"> <li>- Communication skills</li> <li>- Communication with patients</li> <li>- Special circumstances in communication</li> <li>- Patient education</li> <li>- Communication with patient’s families</li> <li>- Dealing with death and loss</li> </ul>	<b>Chapter 3</b> Ehrlich et al., (2004)  <b>Chapter 11</b> Carlton (2007)
Week 5	<b>Patient Care and Assessment</b> <ul style="list-style-type: none"> <li>- Patient assessment and special skills</li> <li>- Assessing personal concerns of patient</li> <li>- Assessing physiological needs</li> <li>- Assessing current physical status</li> </ul>	<b>Chapter 6</b> Ehrlich et al., (2004)  <b>Chapter 12 &amp; 15</b> Carlton (2007)
	<b>First Exam</b>	
Week 6	<b>Patient Safety in the Work Setting</b> <ul style="list-style-type: none"> <li>- Fire hazards</li> <li>- Other common hazards</li> </ul>	<b>Chapter 4</b> Ehrlich et al., (2004)

Week 7	<b>Ergonomics and Body Mechanism</b> <ul style="list-style-type: none"> <li>- Principles of body mechanics</li> <li>- Rules of body mechanics</li> </ul>	<b>Chapter 4</b> Ehrlich et al., (2004)  <b>Chapter 13</b> Carlton (2007)
Week 8	<b>Positioning for safety and comfort</b> <ul style="list-style-type: none"> <li>- Patient transfer</li> <li>- Restraints and immobilization</li> <li>- Accidents and incident reports</li> </ul>	<b>Chapter 4</b> Ehrlich et al., (2004)
Week 9	<b>Infection Control</b> <ul style="list-style-type: none"> <li>- Microorganisms</li> <li>- Cycle of infection</li> <li>- Body's defense against infection</li> <li>- Infectious diseases</li> <li>- Preventing disease transmission</li> </ul>	<b>Chapter 5</b> Ehrlich et al., (2004)  <b>Chapter 16</b> Carlton (2007)
Week 10	<b>Medical Asepsis</b> <ul style="list-style-type: none"> <li>- Sterile packs</li> <li>- Surgical scrubbing</li> <li>- Gowning and gloving</li> </ul>	<b>Chapter 17</b> Carlton (2007)
	<b>Second Exam</b>	
Week 11	<b>Medications and their Administration:</b> <ul style="list-style-type: none"> <li>- The radiographer's role</li> <li>- Recognize different definitions associated with pharmacology</li> <li>- Recognize various classifications of drugs</li> <li>- Identify the five rights of drug administration</li> <li>- List methods of drug administration</li> <li>- Perform venipuncture using appropriate universal precautions</li> </ul>	<b>Chapter 7</b> Ehrlich et al., (2004)  <b>Chapter 20</b> Carlton (2007)
Week 12	<b>Dealing with Acute Situations:</b> <ul style="list-style-type: none"> <li>- Multiple emergencies</li> <li>- Disaster response</li> <li>- Respiratory emergencies</li> <li>- Cardiac emergencies</li> <li>- Trauma</li> </ul>	<b>Chapter 8</b> Ehrlich et al., (2004)  <b>Chapter 19</b> Carlton (2007)
Week 13	<b>Special Conditions and Environments:</b> <ul style="list-style-type: none"> <li>- Mobile radiography</li> <li>- Special care units</li> <li>- Treatment situations involving specialty equipment</li> </ul>	<b>Chapter 11</b> Ehrlich et al., (2004)
Week 14	<b>Revision</b>	
TBA	<b>FINAL EXAMINATION</b>	