



Jordan University of Science and Technology

Faculty of Applied Medical Sciences

Department of Allied Medical Sciences

First semester 2013/2014

Course Syllabus

Course Information	
Course Title	Patient care in Radiology Department
Course Code	RA 361
Pre-requisites	NA
Instructor	Mrs Badira Al Qudah
E mail (s)	TBA
Course Description	
<p>This course focuses on the interaction of patient with healthcare team. Discussion will center on applying specific techniques when dealing with different age groups and people with special needs. Also transferring the patient when imaging is being performed will be discussed. This course also provides the student with basic knowledge of CPR, adverse reactions of contrast media used in the radiography department and some basic medications given in such cases.</p>	

Textbook (s)	
1. Title	Patient care in Radiography
Author (s)	Ruth and Annehrllich
Publisher	Mosby
Year	2004
Edition	Sixth edition
2. Title:	Introduction to Radiologic Sciences and Patient Care
Author (s)	Arlene A., Richard R. Carlton.
Publisher	W.B. Saunders Company
Year	2007

Edition	Fourth edition
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Assessment		
Assessment	Expected Due Date	Percentage
First exam		20%
Second Exam		20%
Practical		20%
Final exam		30%
Final practical		10%
Attendance	NA	NA

Course Objectives	Percentage
1. Recognize and describe members of the health care team	20%
2. Demonstrate and describe patient care techniques in a safe manner for the patient, self, and co-workers	20%
3. Discuss ethical and legal issues in health care in general and radiologic sciences in particular.	20%
4. Demonstrate and discuss safe administration of patient medication including contrast media	20%
5. Discuss and practice safety in patient transfer in the radiology department	20%

Teaching & Learning Methods
Lectures, visual demonstrations, group work, and personal contact.

Learning Outcomes: Upon successful completion of this course, students will be able to:	
Related Objective (s)	
1.	The student will correctly assess patient conditions, and measure vital signs
2.	Demonstrate accepted infection control and general safety practices
3.	Respond appropriately to emergency situations and CPR
4.	Practice effective communication skills and special needs patients
5.	Identify radiology used pharmaceuticals and their applications

Week	Topics	Lecturer
1	Introduction	Badira Al Qudah
1	Different medical departments	Badira Al Qudah
2	Hospital organization	Badira Al Qudah
2	Patient care technique	Badira Al Qudah
3	Ethical and legal health care issue	Badira Al Qudah

3	Ethical and legal health care issue	Badira Al Qudah
4	Radiographer duties	Badira Al Qudah
4	Special needs patients	Badira Al Qudah
5	Dealing with special needs patients	Badira Al Qudah
5	Patient transportation	Badira Al Qudah
6	Wheelchair transport of patient	Badira Al Qudah
6	First exam	Badira Al Qudah
7	Bed to x ray table patient transportation First exam	Badira Al Qudah
7	Revision	Badira Al Qudah
8	Dealing with unconscious patient	Badira Al Qudah
8	Types of CM	Badira Al Qudah
9	Emergency situations	Badira Al Qudah
9	Safe administration of patient medication and contrast media	Badira Al Qudah
10	Identify pharmaceuticals given in cases of emergency and their applications	Badira Al Qudah
10	Identify pharmaceuticals given in cases of emergency and their applications	Badira Al Qudah
11	Patient assessment Dealing with patient in situations	Badira Al Qudah
11	Normal vital signs	Badira Al Qudah
12	Measuring vital signs	Badira Al Qudah
12	Second exam	Badira Al Qudah
13	Abnormal vital signs	Badira Al Qudah
13	Basic CPR basic CPR	Badira Al Qudah
14	Infection control	Badira Al Qudah
14	Infection control	Badira Al Qudah
15	Aseptic techniques in radiology	Badira Al Qudah
15	Aseptic techniques in the OR	Badira Al Qudah
16		Badira Al Qudah
16		

Week	Topics
3	Radiology department round and protocols
4	Eid Holiday
5	Radiation effects and protection
6	Patient transportation (wheelchair to x-ray table)
7	Patient transportation (stretcher to x-ray table)
8	CM reactions and medications 1
9	CM reactions and medications 2
10	Measuring vital signs
11	Infection control
12	Aseptic technique
13	CPR session 1
14	CPR session 2
15	Review lab

Additional Notes

Class format: Reading assignment will be given and expected to be completed prior to the topic being discussed to provide an introduction to the subject. Review questions in standard multiple choice format will be assigned at the end of each class and due at the following class. Hand on learning procedures.

Cheating: The student will be penalized regarding to JUST regulations. If the student has been suspended as a cheater during a course exam, the student will receive a zero at that exam and will receive a Notice from the chair of the department.