

Washtenaw Community College Comprehensive Report

RAD 240 Clinical Education Effective Term: Winter 2013

Course Cover

Division: Math, Science and Health

Department: Allied Health

Discipline: Radiology

Course Number: 240

Org Number: 15600

Full Course Title: Clinical Education

Transcript Title: Clinical Education

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Outcomes/Assessment

Rationale: Update assessment plan; text edition.

Proposed Start Semester: Winter 2012

Course Description: This course provides structured clinical experience in the application of knowledge and skill in positioning the chest and thorax, abdomen, spinal column, skull, upper and lower extremities and related anatomy while working in general, portable and fluoroscopic radiography. The course also provides students with an opportunity to learn and demonstrate professional ethics, courtesy and empathy in handling patients, radiation safety, film processing/imaging plate (IP) handling and image archiving and radiographic equipment manipulation.

Course Credit Hours

Variable hours: No

Credits: 2

Lecture Hours: Instructor: 0 Student: 0

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 224 Student: 224

Total Contact Hours: Instructor: 224 Student: 224

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

RAD 225 minimum grade "C"

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Perform radiographic positioning of the chest, abdomen, upper and lower extremities, spinal column, bony thorax and contrast studies.

Assessment 1

Assessment Tool: RAD 240 Final Clinical Performance Evaluations

Assessment Date: Spring/Summer 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All students completing their clinical education received a RAD 240 Final Clinical Performance Evaluation and were selected for assessment.

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric based on JRCERT accreditation.

Standard of success to be used for this assessment: Eighty-five percent of students must score a "4" on a 1 to 4 scale with "4" being the highest score and "1" being the lowest.

Who will score and analyze the data: course instructor

2. Demonstrate operating knowledge of radiographic equipment.

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Who will score and analyze the data: course instructor

3. Provide the appropriate patient care during the radiographic procedure.

Assessment 1

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Assessment Date: Spring/Summer 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All students completing their clinical education received a RAD 240 Final Clinical Performance Evaluation and were selected for assessment.

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric based on ARRT scoring criteria

Standard of success to be used for this assessment: Ninety-five percent of students must receive an "Effective Performance" rating from their evaluator.

Who will score and analyze the data: course instructor

Course Objectives

1. Manipulate the patient and/or body part into the correct position to obtain a satisfactory radiograph.

Matched Outcomes

1. Perform radiographic positioning of the chest, abdomen, upper and lower extremities, spinal column, bony thorax and contrast studies.

2. Direct central ray to the appropriate centering point.

Matched Outcomes

1. Perform radiographic positioning of the chest, abdomen, upper and lower extremities, spinal column, bony thorax and contrast studies.

3. Maneuver tube into detent and other locking positions.

Matched Outcomes

2. Demonstrate operating knowledge of radiographic equipment.

4. Place x-ray tube at appropriate SID according to procedure.

Matched Outcomes

2. Demonstrate operating knowledge of radiographic equipment.

5. Demonstrate methods for moving the patient on and off the radiographic table.

Matched Outcomes

3. Provide the appropriate patient care during the radiographic procedure.

New Resources for Course

Course Textbooks/Resources

Textbooks

Bontrager, K., L.. *Textbook of Radiographic Positioning and Related Anatomy*, 7th Ed. ed. C.V. Mosby , 2010

Manuals

Periodicals

Software

Equipment/Facilities

Off-Campus Sites

Reviewer

Action

Date

Faculty Preparer:

Jim Skufis

Faculty Preparer

Jul 16, 2012

Department Chair/Area Director:

Connie Foster

Recommend Approval

Aug 10, 2012

Dean:

Martha Showalter

Recommend Approval

Aug 10, 2012

Vice President for Instruction:

Stuart Blacklaw

Approve

Sep 17, 2012