

Washtenaw Community College Comprehensive Report

RAD 150 Clinical Education

Effective Term: Fall 2013

Course Cover

Division: Math, Science and Health

Department: Allied Health

Discipline: Radiography

Course Number: 150

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:

Total Contact Hours

Outcomes/Assessment

Other:

Rationale: Update text

Proposed Start Semester: Fall 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, 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: 3

Lecture Hours: Instructor: 0 Student: 0

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 384 Student: 384

Total Contact Hours: Instructor: 384 Student: 384

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 120 minimum grade "C-"

and

Enrollment Restrictions

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: Radiographic Procedure Evaluations and RAD 150 Simulations exams.

Assessment Date: Spring/Summer 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections (currently only one section offered).

Number students to be assessed: All students

How the assessment will be scored: Item analysis from the course simulations of the three exams of the ribs, SI joints, and sacrum/coccyx will be scored using a scoring rubric for evaluation; and completion of the 12 required Radiographic Procedure Evaluations for the RAD 150 semester.

Standard of success to be used for this assessment: Eighty-five percent of students will score an average of 95% or better on the three exams pulled from the Simulation Exam, and 95% of students will earn the 12 required competencies for the semester.

Who will score and analyze the data: Course instructor and program faculty.

2. Demonstrate operating knowledge of radiographic equipment.

Assessment 1

Assessment Tool: Radiographic Procedure Evaluations and RAD 150 Simulations exams.

Assessment Date: Spring/Summer 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections (currently only one section offered).

Number students to be assessed: All students

How the assessment will be scored: Item analysis from the course simulations of the three exams of the ribs, SI joints, and sacrum/coccyx will be scored using a scoring rubric for evaluation; and completion of the 12 required Radiographic Procedure Evaluations for the RAD 150 semester.

Standard of success to be used for this assessment: Eighty-five percent of students will score an average of 95% or better on the three exams pulled from the Simulation Exam, and 95% of students will earn the 12 required competencies for the semester.

Who will score and analyze the data: Course instructor and program faculty.

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

Assessment 1

Assessment Tool: Radiographic Procedure Evaluations and RAD 150 Final Performance Evaluations.

Assessment Date: Spring/Summer 2015

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections (currently only one section offered).

Number students to be assessed: All students

How the assessment will be scored: Item analysis of question #4 of the Radiographic Procedure Evaluation concerning patient identification and question #7 of the Radiographic Procedure Evaluation concerning patient transfer will be done, along with an item analysis of question #2 of the RAD 150 Final Performance Evaluation concerning Patient Safety.

Standard of success to be used for this assessment: Ninety-five percent of students will receive a "Yes" from their evaluator to Question #4 of the Radiographic Procedure Evaluation which reads: "Identify correct patient according to requisition and departmental policy," and 95% of students will receive a "Yes" from their evaluator to Question #7 of the Radiographic Procedure Evaluation which reads: "Assist patient to the upright bucky and/or radiographic table, if required." Finally, 95% of students will received an "Effective Performance" rating from their evaluator to Question #2 of the RAD 150 Final Performance Evaluation concerning Patient Safety.

Who will score and analyze the data: Course instructor and program faculty.

Course Objectives

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

Matched Outcomes

2. Direct central ray to the appropriate appropriate centering point.

Matched Outcomes

2. Demonstrate operating knowledge of radiographic equipment.

3. Maneuver tube into detent and other locking positions.

Matched Outcomes

2. Demonstrate operating knowledge of radiographic equipment.

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

Matched Outcomes

2. Demonstrate operating knowledge of radiographic equipment.

5. Demonstrate proper method for identifying a patient prior to their exam.

Matched Outcomes

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

6. 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

Manuals

Periodicals

Software

Equipment/Facilities

Reviewer

Faculty Preparer:

Jim Skufis

Action

Faculty Preparer

Date

Aug 09, 2012

Department Chair/Area Director:

Connie Foster

Recommend Approval

Nov 06, 2012

Dean:

Martha Showalter

Recommend Approval

Dec 10, 2012

Vice President for Instruction:

Stuart Blacklaw

Approve

Feb 11, 2013