

# Washtenaw Community College Comprehensive Report

## RAD 267 Computed Tomography (CT) Clinical Education II Effective Term: Fall 2012

### Course Cover

**Division:** Math, Science and Health

**Department:** Allied Health

**Discipline:** Radiology

**Course Number:** 267

**Org Number:** 15600

**Full Course Title:** Computed Tomography (CT) Clinical Education II

**Transcript Title:** CT Clinical Education II

**Is Consultation with other department(s) required:** No

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

**Reason for Submission:** New Course

**Change Information:**

**Rationale:** This is a required course for the computed tomography (CT) program.

**Proposed Start Semester:** Fall 2013

**Course Description:** This is the second clinical course for certified technologists, ARRT (R), ARRT (N), ARRT (T), and (CNMT), who are admitted to the computed tomography (CT) program. Students will complete all documentation and competency training necessary for the American Registry of Radiologic Technologists (ARRT) computed tomography certification examination. Students will be assigned to a health care facility for 15 weeks, 24 hours/week (360 clinical hours), under the supervision of a certified technologist.

### Course Credit Hours

**Variable hours:** No

**Credits:** 3

**Lecture Hours: Instructor: 0 Student: 0**

**Lab: Instructor: 0 Student: 0**

**Clinical: Instructor: 0 Student: 360**

**Total Contact Hours: Instructor: 0 Student: 360**

**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 265 minimum grade "C"

### General Education

#### Request Course Transfer

**Proposed For:**

### Student Learning Outcomes

1. Communicate effectively with patients and the healthcare team in the clinical setting.

**Assessment 1**

**Assessment Tool:** Computed tomography Final Clinical Evaluation Form

**Assessment Date:** Winter 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** All sections

**Number students to be assessed:** All students (maximum admission to the computed tomography (CT) program is 12 students).

**How the assessment will be scored:** Analysis of question 1 on the Final Clinical Education Performance Evaluation regarding patient communication.

**Standard of success to be used for this assessment:** 95% of the students will receive an "effective performance" rating (2 of three or higher) on question 1 of the Clinical Education Performance Evaluation regarding patient communication.

**Who will score and analyze the data:** Faculty

2. Perform a minimum of 95 computed tomography procedures on patients with a range of different physical, medical, and other special needs according to the standard protocols in the clinical setting. Prepare the patient for the computed tomography (CT) procedure.

**Assessment 1**

**Assessment Tool:** Computed tomography Final Clinical Evaluation Form

**Assessment Date:** Winter 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** All sections

**Number students to be assessed:** All students (maximum admission to the computed tomography (CT) program is 12 students).

**How the assessment will be scored:** Analysis of question 11 on the Final Clinical Education Performance Evaluation regarding competency maintenance.

**Standard of success to be used for this assessment:** 95% of the students will receive an "effective performance" rating (2 of 3 or higher) on question 11 of the Clinical Education Performance Evaluation regarding competency maintenance.

**Who will score and analyze the data:** Faculty

3. Apply radiation protection principles for the patient, self, and other healthcare team members.

**Assessment 1**

**Assessment Tool:** Computed tomography Final Clinical Evaluation Form

**Assessment Date:** Winter 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** All sections

**Number students to be assessed:** All students (maximum admission to the computed tomography (CT) program is 12 students).

**How the assessment will be scored:** Analysis of question 3 on the Final Clinical Education Performance Evaluation regarding radiation protection.

**Standard of success to be used for this assessment:** 95% of the students will receive an "effective performance" rating (2 of 3 or higher) on question 3 of the Clinical Education Performance Evaluation regarding radiation protection.

**Who will score and analyze the data:** Faculty

**Course Objectives**

1. Prepare the patient for computed tomography (CT) procedures.

**Matched Outcomes**

2. Make informed critical judgments with regard to using the appropriate computed tomography (CT) scanning protocols.

**Matched Outcomes**

3. Make informed critical judgments with regard to the operation of the computed tomography (CT) imaging system.

**Matched Outcomes**

4. Process the computed tomography (CT) images.

**Matched Outcomes**

**New Resources for Course**

**Course Textbooks/Resources**

Textbooks  
Manuals  
Periodicals  
Software

**Equipment/Facilities**

Other: Students will be assigned a clinical rotation in the Computed Tomography (CT) department at a local hospital

**Reviewer**

**Action**

**Date**

**Faculty Preparer:**

*Connie Foster*

*Faculty Preparer*

*Jan 26, 2012*

**Department Chair/Area Director:**

*Connie Foster*

*Recommend Approval*

*Jan 26, 2012*

**Dean:**

*Martha Showalter*

*Recommend Approval*

*Feb 14, 2012*

**Vice President for Instruction:**

*Stuart Blacklaw*

*Approve*

*Apr 05, 2012*