

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Radiography	265	RAD 265 08/02/2017- Computed Tomography (CT) Clinical Education I
Division	Department	Faculty Preparer
Health Sciences	Allied Health	Jim Skufis
Date of Last Filed Assessment Report		

I. Assessment Results per Student Learning Outcome

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

- Assessment Plan
 - Assessment Tool: Computed Tomography Final Clinical Evaluation Form
 - Assessment Date: Fall 2015
 - Course section(s)/other population: All sections
 - Number students to be assessed: All students (maximum admission to the computed tomography 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 on question 1 of the Clinical Performance Evaluation regarding patient communication.
 - Who will score and analyze the data: Faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2016		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
4	4

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students enrolled were assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

Because there is only one section of this course, all students enrolled were assessed.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

Examination and simple adding up of the number of students who received an "Effective Performance" rating for this question.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

All four students enrolled in the class received an "Effective Performance" rating for this metric concerning patient communication. The standard of success was met for this outcome and tool.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Based on these results, students are learning to communicate effectively with patients and staff in a clinical setting.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Because all students achieved the highest rating in this area, this particular outcome can't be improved. However, because the sample size is so small, analysis with larger groups of students will be necessary.

Outcome 2: Perform a minimum of 30 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.

- Assessment Plan
 - Assessment Tool: Computed Tomography Final Clinical Evaluation Form
 - Assessment Date: Fall 2015
 - Course section(s)/other population: All sections
 - Number students to be assessed: All students (maximum admission to the computed tomography 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 on question 11 of the Clinical Performance Evaluation regarding competency maintenance.
 - Who will score and analyze the data: Faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2016		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
4	4

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students enrolled were assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

Because there is only one section of this course, all students enrolled were assessed.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

Examination and simple adding up of the number of students who received an "Effective Performance" rating for this question.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

All four students received an "Effective Performance" rating for this metric concerning competency maintenance. The standard of success was met for this outcome and tool. In fact, all of the students completed 50 competencies by the end of the semester.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Based on these results, students are able to perform the required number of exams on a variety of patients according to their needs in the clinical setting.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Because all students achieved the highest rating in this area, this particular outcome can't be improved. However, because the sample size is so small, analysis with larger groups of students will be necessary. It might also be necessary to increase the number of exams required.

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

- Assessment Plan
 - Assessment Tool: Computed Tomography Final Clinical Evaluation Form
 - Assessment Date: Fall 2015
 - Course section(s)/other population: All sections
 - Number students to be assessed: All students (maximum admission to the computed tomography 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 on question 3 of the Clinical Performance Evaluation regarding radiation protection.
- Who will score and analyze the data: Faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2016		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
4	4

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students enrolled were assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

Because there is only one section of this course, all students enrolled were assessed.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

Examination and simple adding up of the number of students who received an "Effective Performance" rating for this question.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

All four students enrolled in the class received an "Effective Performance" rating for this metric concerning Radiation Safety. The standard of success was met for this outcome and tool.

- Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Based on these results, students are learning radiation protection principles for the patient, self, and others in a clinical setting.

- Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Because all students achieved the highest rating in this area, this particular outcome can't be improved. However, because the sample size is so small, analysis with larger groups of students will be necessary.

II. Course Summary and Action Plans Based on Assessment Results

- Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

This course is meeting the students' clinical education needs in CT and the results did not surprise me based on the overall fine performance of the students.

- Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

This information will be shared with departmental faculty and stakeholders during discussions at regularly scheduled faculty and Advisory Committee meetings.

- Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
No changes intended.			

- Is there anything that you would like to mention that was not already captured?

Because this was such a small group, I would like to do the assessment again when class enrollment increases.

III. Attached Files

[RAD 265 Computed Tomography Final Clinical Evaluat](#)

Faculty/Preparer: Jim Skufis **Date:** 08/02/2017
Department Chair: Connie Foster **Date:** 08/06/2017
Dean: Valerie Greaves **Date:** 08/07/2017
Assessment Committee Chair: Michelle Garey **Date:** 10/24/2017