

Program Outcomes Guide Computed Tomography Certificate Program FY 19

Program Title: Computed Tomography Certificate Program

Date: FY19

Program Team: Megan Dayhoff, Adjunct Faculty -

Expected Learning Outcomes:

Expected Program Learning Outcomes (PLO)

1. Provide appropriate patient care in the course of CT with respect to diverse cultures, values, and beliefs.
2. Competently perform routine imaging procedures.
3. Utilize appropriate protection and standard precautions.
4. Critique images to assure highest quality.
5. Communicate effectively with staff and patients.
6. Solve age-specific, disease-specific, and non-routine imaging situations.
7. Make critical decisions appropriate for the medical imager.
8. Perform as an effective team member.
9. Practice within the ethical framework of the profession.
10. Meet the imaging needs of the community.

Assessment: (How do or will students demonstrate achievement of each outcome?)

1. Completion of RAD 212 Cross-Sectional Anatomy with 75% or higher.
2. Completion of RAD 215 Pathology of Imaging Science with 75% or higher.
3. Completion of RAD 218 Principles of CT Imaging with 75% or higher.
4. Completion of RAD 220 CT Imaging Practicum I with 75 % or higher.
5. Completion of RAD 220A CT Imaging Practicum II with 75% or higher.
6. Completion of ARRT clinical requirements for computed tomography.

Course-level assessments. Currently, most of the content-driven PLO are assessed at the course-level as follows:

1. Completion of RAD 212 Cross-Sectional Anatomy with 75% or higher.
2. Completion of RAD 215 Pathology of Imaging Science with 75% or higher.
3. Completion of RAD 218 Principles of CT Imaging with 75% or higher.
4. Completion of RAD 220 CT Imaging Practicum I with 75% or higher.
5. Completion of RAD 220A CT Imaging Practicum II with 75% or higher.

Validation: (What methods have you used or will you use to validate your assessment?)

1. Completing required courses with a 75% or higher.
2. Passing the ARRT Computed Tomography certification exam.
3. Obtaining all required ARRT Computed Tomography repetitions.

Results: (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)

- ?% (0/0 students) of students successfully completed the didactic work to allow for entry into the clinical portion of the program.
- ?% (0/0 students) of students completed all necessary ARRT repetitions
- ?% (0/0 students) took ARRT exam and passed

** Previous instructor taught this course and data is unavailable. Will begin tracking students enrolled in RAD 218 Principles of CT this semester (SP18) for future documentation.*

Follow up:

- Continue to monitor the ARRT website to ensure those that have yet to take the exam have.
- Continue to utilize CT Basics module during clinical to help to reinforce material learned in the classroom.

Budget Justification:

No additional resources are necessary at this time to improve student learning.