## Program Outcomes Guide Computed Tomography Certificate Program FY 18

**Program Title:** Computed Tomography Certificate Program

Date: FY17

Program Team: Adjunct Faculty - Jennifer Beirdneau, Lori Olden, and Jessie Monroe

#### **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?)

- No data\*
- No data\*

#### 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.

<sup>\*</sup> 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.