

Program Outcomes Guide FY 17

Program Title: Magnetic Resonance Imaging Certificate Program **Date:** FY17
Program Team: Jason Hamilton/Michelle McDaniel

Expected Learning Outcomes:

1. Provide appropriate patient care in the course of MR with respect for 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 for Imaging Sciences with 75% of higher
3. Completion of RAD 222 Principles of MR Imaging with 75% or higher
4. Completion of RAD 224 MRI Clinical Practicum I with 75% or higher
5. Completion of RAD 224A MRI Clinical Practicum II with 75% or higher
6. Completion of ARRT clinical repetition requirements for MR

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 for Imaging Sciences with 75% of higher
3. Completion of RAD 222 Principles of MR Imaging with 75% or higher
4. Completion of RAD 224 MRI Clinical Practicum I with 75% or higher
5. Completion of RAD 224A MRI Clinical Practicum II with 75% or higher

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

- Completion of didactic material with a 75% or higher which will allow for entrance into clinical.

- Completing all required ARRT repetitions to allow student to be eligible for ARRT registry exam.
- Taking and passing the ARRT registry exam in Magnetic Resonance Imaging.

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

- 89% (16/18 students) of students successfully completed the didactic work to allow for entry into the clinical portion of the program.
- 69% (11/16 students) of students completed all necessary ARRT repetitions
- 44% (4/9 students) took ARRT exam and passed

Follow-up: (How have you used or how will you use the data to improve student learning?)

- Continue to use the MR Basics resource to continue to reinforce didactic material while students are completing their required ARRT repetitions.
- Monitor student repetitions in clinical to ensure that they are completing the required amount of repetitions to allow them to take their ARRT registry exam. Work with students to complete their certificate requirements in as short of time as possible to allow for entry into field.

Budget Justification: (What resources are necessary to improve student learning?)

No new resources at this time.