

**Hagerstown Community College**  
**OFFICIAL COURSE SYLLABUS DOCUMENT**

**COURSE:** MRI Clinical Practicum I      RAD 224A      2 Credits

**INSTRUCTOR:** Michelle McDaniel      **SEMESTER/YEAR:** Spring 2016

**COURSE DESCRIPTION**

This course is designed to provide students with a flexible clinical education experience in Magnetic Resonance Imaging and to assist in completing the ARRT's Clinical Education Requirements for Certification in MRI. This clinical practicum requires a total of 180 contact hours for a total of two (2) credit hours. Prerequisite: RAD 222. Students must complete a total of four (4) clinical practicum credits to successfully complete the program and the clinical practicum course consists of two (2), two (2) credit courses.

**TEXTBOOK**

**Recommended Learning Resource from RAD 222:**

MRI in Practice, Catherine Westbrook

- ISBN- 978-1-4443-3743-3
- Edition Number: 4
- Pub. Date: 2011
- Publisher: Wiley-Blackwell

**References:**

American Registry of Radiologic Technologist Web page, [www.arrt.org](http://www.arrt.org)

**STUDENT LEARNING OUTCOMES**

At the completion of this course, the student will be able to:

- Correctly prepare the MRI suite for various MRI exams.
- Conduct various MRI exams in the clinical setting.
- Choose and execute appropriate scanning protocols in accordance with the ordered exam(s).
- Adjust image appearance parameters to optimally visualize pathology being investigated
- Identify basic anatomy and pathology being investigated.
- Satisfactorily perform the minimum number of procedural repetitions as required for the course in preparation for the ARRT's Advanced Registry for Magnetic Resonance Imaging.

**TOTAL HOURS OF COURSEWORK**

To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute “academic” hours) of coursework per semester. Those hours of coursework may be completed through a combination of hours within the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of course work per credit.

For most classes, students should expect to do at least two (2) hours of coursework outside of class for each hour of in-class coursework.

**Clinical Hours:** The student must complete a minimum of 180 clinical hours. If the student completes the required 180 hours they will receive full credit for this portion of their grade 100%, if the student does not have the required 180 hours they will receive 74% for this portion of their grade. This portion of your grade is multiplied by 40% to meet the breakdown for this portion of your grade. Please ensure that if you miss any time that you are arranging with your facility to make-up this time so that you will not be short hours by end of semester. During this semester there are fifteen (15) weeks so you should be completing a minimum of twelve (12) hours each week to ensure that you have 180 hours by end of semester. **Please also remember you are not permitted to be in clinical when the College is closed for inclement weather or an observed holiday. This semester the holiday schedule is as follows:**