

**Hagerstown Community College  
OFFICIAL COURSE SYLLABUS DOCUMENT**

**COURSE: RAD 220A-01**

**CT Imaging Practicum II**

**2 Credits**

**INSTRUCTOR: Donna Carroll**  
**Spring 2016**

**Semester/Year: Summer 2015 Fall 2015 &**

**COURSE DESCRIPTION:\*** This course is designed to provide students with a flexible clinical education experience in computed tomography imaging and to assist with the American Registry of Radiologic Technologists' clinical education requirements for certification in computed tomography. This clinical practicum requires a total of 120 contact hours, for a total of 2 credit hours.

**Prerequisites: RAD 218**

**Recommended Learning Resource from RAD 218:**

Computed Tomography for Technologists: A Comprehensive Text, Romans ISBN-0-7817-7751-8

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

**STUDENT LEARNING OUTCOMES:\***

After completion of this course, the student:

1. Correctly prepares and conducts a CT examination in the clinical setting.
2. Demonstrates the appropriate image contrast and window levels to accurately represent the pathology being investigated.
3. Identifies basic anatomy, physiology and pathology of the body areas.
4. Demonstrates the appropriate scanning sequences and contrast administration.

**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 coursework per credit.

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

Clinical assignment	120 (minimum)
Weekly progress report (15 reports required)	15 reports X 15 minutes=180 minutes (3.75 hours)
	Total hours- minimum of 123.75 hours

