

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: RAD 212 – Cross-Sectional Anatomy

3 Credits

INSTRUCTOR: Michelle McDaniel & Donna Carroll
Summer 2015, Fall 2015 & Spring 2016

SEMESTER/YEAR:

COURSE DESCRIPTION: This course enhances the student’s knowledge of sectional human anatomy. Using computed tomographic and magnetic resonance images, diagrams and computerized software, anatomical sections of the extremities, thorax, pelvis, abdomen, spine, head and neck in the transaxial, sagittal and coronal planes are studied. Course fee required. Total of 45 hours of web-based instruction.

TEXTBOOK:

Sectional Anatomy for Imaging Professionals, 3rd edition, Lorrie Kelley and Connie Petersen
ISBN 978-0-323-08260-0

STUDENT LEARNING OUTCOMES:

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

1. Define the anatomy demonstrated and the image plane for the following anatomical sections (given a cross-sectional image):
 - A. Head
 - B. Spine
 - C. Abdomen
 - D. Male Pelvis
 - E. Female Pelvis
 - F. Chest
 - G. Neck
 - H. Joints
2. Define the role cross-sectional imaging plays in patient care.

Identify pathology demonstrated within cross-sectional images

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. This 3 credit course achieves the minimum of 112.5 hours of total time by requiring 50 hours of instructional time and 62.5 hours of student work outside of instructional time.

ACCOUNTING FOR CREDIT HOUR REQUIREMENT

Online Course

Assignment/Assessment

Clock Hours

Reading/studying for exams	2 exams X 30 hours per exam=60
Reading/studying for quizzes	30 hours
Assignments	25 hours
Discussion board	9 hours
Total out of class time	124 hours
