

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: RAD 105 Radiographic Positioning III 3 credits

INSTRUCTOR: Michelle McDaniel

SEMESTER/YEAR: Spring 2016

COURSE DESCRIPTION

This course concludes the study of the axial skeleton system introduced in RAD 104. Emphasis is placed on the imaging procedures that require the use of contrast media to examine the upper and lower GI systems and urinary system. Total of 30 hours of web based/classroom instruction (hybrid) and 45 hours of laboratory.

TEXTBOOKS

Bontrager, Kenneth and Lampignano, John. Radiographic Positioning and Related Anatomy, Eighth Edition, Mosby, Inc., St. Louis, Missouri, 2010.

Bontrager, Kenneth and Lampignano, John. Radiographic Positioning and Related Anatomy, Workbook and Laboratory Manual, Volumes one and two. Eighth Edition, Mosby, Inc., St. Louis, Missouri, 2010.

STUDENT LEARNING OUTCOMES

1. Demonstrates basic radiographic positions pertaining to the axial skeleton.
2. Demonstrates radiographic positions pertaining to the Upper and Lower GI systems.
3. Demonstrates radiographic positions pertaining to the urinary system.
4. Performs satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning and patient care when completing classroom competencies.
5. Applies proper radiation protection methods as indicated by a radiographic position.
6. Evaluates radiographic image quality on radiographs.
7. Identification and recognition of anatomical features as well as pathological conditions associated with radiographs.

Total Hours of Coursework:

To earn an 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.

ACCOUNTING FOR CREDIT HOUR REQUIREMENT:

RAD 105 Radiographic Positioning III Face-to-Face class

Assignment/Assessment
RAD 105

Clock Hours

Spring 2015

Reading/studying for lecture exams	4 exams X 20 hours per exam =80
Reading/studying for quizzes	4 quizzes X 7 hours per quiz = 28
One final assessment (comprehensive final)	1 exam X 15 hours = 15
Homework and Reading	10 hours reading, taking notes, etc.
Studying for Competencies	5 competencies X 4 hours per competency = 20
Discussion Questions	7 questions X 1 hour per question + 7 hours
Total out of class time	160 hours