

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: RAD 103 – Radiographic Positioning I

3 Credits

INSTRUCTOR: Michelle McDaniel

SEMESTER/YEAR: Summer 2015

COURSE DESCRIPTION: This course introduces radiographic positioning, procedures and routines, pertaining to radiography of the chest, abdomen, and the upper appendicular skeletal system. Laboratory fee required. Total of 30 hours of lecture and 45 hours of laboratory.

TEXTBOOK:*

Bontrager, Kenneth L. and John P. Lampignano. Textbook of Radiographic Positioning and Related Anatomy, Seventh Edition, Mosby, Inc., St. Louis, Missouri, 2010. Isbn 978-0-323-05410-2

Bontrager, Kenneth L. and John P. Lampignano. Radiographic Positioning and Related Anatomy Workbook and Laboratory Manual, Volumes 1 & 2, Seventh Edition, Mosby, Inc., St. Louis, Missouri, 2010.

STUDENT LEARNING OUTCOMES:*

1. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning
2. Demonstrate basic radiographic positions pertaining to the appendicular skeleton and chest and abdomen.
3. Apply proper radiation protection methods as indicated by a radiographic position.
4. Evaluate radiographic image quality on radiographs.
5. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning
6. Identify anatomy, pathology, positions, and anomalies pertaining to the chest, abdomen, and appendicular osseous system as they appear on a diagram or actual radiograph.
7. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning
8. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning

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:

RAD 103 Radiographic Positioning I Face- to-face class

Assignment/Assessment

Clock Hours

Reading/studying for lecture exams	5 exams X 15 hours per exam =75
Reading/studying for quizzes	5 quizzes X 7 hours per quiz = 35
One final assessment (comprehensive final)	1 exam X 15 hours = 15
Homework and Reading	10 hours reading, taking notes, etc.
Studying for Competencies	6 competencies X 3 hours per competency =18
Total out of class time	153 hours