

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: RAD 104 – Radiographic Positioning II 3 Credits

INSTRUCTOR: **SEMESTER/YEAR:**

COURSE DESCRIPTION: Radiographic procedures and equipment utilized for radiography of the lower appendicular skeleton and axial skeletal system are studied in this course.

Laboratory fee required. Total of 30 hours of lecture and 45 hours of laboratory.

TEXTBOOKS:

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 axial skeleton
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. Demonstrate basic radiographic positions pertaining to the axial skeleton.
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 104 Radiographic Positioning I Face- to-face class

Assignment/Assessment

Clock Hours

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
Total out of class time	153 hours