

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: RAD 101 Radiography I 3 credits

INSTRUCTOR: Donna Carroll

SEMESTER/YEAR: Summer 2015

COURSE DESCRIPTION: The student is introduced to the principles and practices of radiography and the medical profession. It includes discussion of the fundamentals of radiographic equipment operation, exposure, protection, and patient care. Laboratory fee required. Prerequisite: Acceptance into the radiography program. Three hours lecture and four laboratory hours each week.

Semester offered: Summer of freshman year.

TEXTBOOK: Adler, Arlene M. Introduction to Radiography and Patient Care, W. B. Saunders Co., Philadelphia, 2012, 6th edition
Power points in class

STUDENT LEARNING OUTCOMES:

The student will:

1. demonstrate knowledge and understanding of the principles and practices of patient care radiography and the medical profession.
2. demonstrate competent operation of stationary x-ray unit.
3. perform basic patient care procedures.

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.

ACCOUNTING FOR CREDIT HOUR REQUIREMENT

| Assignment/Assessment | Clock Hours |
|---|--|
| Reading/Studying for Lecture Exams | 8 exams x 5 hours per exam = 40 |
| Reading/Studying for Final | 20 hours |
| Preparing for Lab | 10 hours |
| Preparing for Competencies | 10 hours |
| | 15 hours |
| Total out of class time | 95 hours |