

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: RAD 101 Radiography I

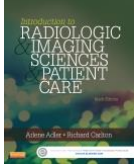
2 credits

INSTRUCTOR:

SEMESTER/YEAR: Summer

COURSE DESCRIPTION: The student is introduced to the principles and practices of radiography and the medical profession. It includes discussions of the different modalities in Radiology, diseases, diversity, management, and quality. Semester offered: First year summer. Online Course.

TEXTBOOK: Adler, Arlene M. Introduction to Radiography and Patient Care, W. B. Saunders Co., Philadelphia, 2016, 6th edition ISBN: 9780323315791



STUDENT LEARNING OUTCOMES:

The student will:

1. Identify educational survival skills that include optimal test-taking and study habits and stress management and buffering techniques for students.
2. Identify the types of learning employed as a student of radiography.
3. Identify the role of the radiographer in the diagnostic process.
4. Identify the modalities, procedures, and equipment utilized in diagnostic imaging.
5. Identify radiographic and fluoroscopy equipment and the functions thereof.
6. Identify the phases of clinical learning and the relationship between didactic and clinical-based learning.
7. Identify the mission, purpose, and standards of the ARRT, ASRT, and the JCERT and the influence these organizations have on both student learning and performance, and on performance as a professional radiographer.
8. Identify the factors related to image quality within the healthcare environment.
9. Define diversity and apply the concept of cultural acceptance across patient populations.

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 Exams	5 exams x 12 hours per exam = 60 hours
Reading/Studying for Final	20 hours
Discussion Questions	9 discussions x 1 hour each = 9 hours
Assignments	3 assignments x 5 hours each = 15 hours
Total out of class time	104 hours

COURSE CONTENT OBJECTIVES:

1. Prepare for a successful educational experience as a student of radiography.
2. Develop a solid understanding of the roles and responsibilities of radiography students and professional technologists as set forth by accrediting and credentialing bodies.
3. Apply the concepts of ethics, morals, and law in the healthcare realm.
4. Develop skills to adequately and appropriately interact with patients in the healthcare environment.
5. Understand the various types of equipment and imaging procedures utilized in the diagnoses of various disease and pathological processes.

ASSESSMENT PROCEDURES:

The grading scale for the course is as follows:

90-100	A
80- 89	B
75- 79	C
70- 74	D
69- under	F

Students must receive a minimum grade of 75% (C grade) or higher in RAD 101, Radiography I to progress in the Radiography Program.

Grades will be determined by:

1. Chapter Exams	40 %
2. Final Exam	30 %
3. Discussion Posts	10%
4. Assignments	20%

METHOD OF INSTRUCTION:

Methods of instruction used in this course include:

1. Power Points
2. Discussion Posts
3. Assignments

Examination Policy

Exams for this course will be taken on through Moodle. Students are responsible for all materials in the powerpoints and book. Students will be permitted to make up one missed test only for this course, with **excused absence documentation**. The student is responsible for communicating with the instructor to arrange the makeup date and time within **7 days** of the missed test/competency. Failure on part of the student to make these arrangements will result in a grade of zero for that test. Use of notes, books, or outside resources are **NOT PERMITTED** on any examinations.

GENERAL GUIDELINES:

Academic Integrity

The Academic Integrity policy of the College will be followed in this course. Please refer to the College Catalog for additional information on the student code of conduct. Also, please review the HCC Student Code of Conduct which is published in the *College Student Handbook* under policies and regulations. Please review prohibited conduct and review the information concerning plagiarism, which is using the ideas of works of another without sufficient acknowledgement that the material is not one's own. **Plagiarism will not be tolerated. Please visit the HCC website to view the academic integrity policies that are in the Hagerstown Community College Catalog and HCC College Student Handbook.**

Online Learning Environment

In the traditional classroom setting, students and instructors have the right to be treated with respect. Sarcasm, ridicule, non-constructive criticism and other abusive languages are not tolerated. The online classroom is no different. Hostile emails or discussion threads will not be tolerated. If the tone of a student

comment would be inappropriate for an in-class discussion, it is also inappropriate for a discussion post to the entire class.

Discussion forums are an integral part of online courses and provide the student with an opportunity to discuss and interact with fellow students and the instructor. Use of the forum to air grievances or any other type of unprofessional behavior will not be tolerated and may result in a grade of “zero” for the activity.

Courses Disclaimer

The instructor reserves the right to modify the course content and evaluation procedures as deemed necessary.

Code of Conduct

Students are expected to follow the Code of Student Conduct at all times, please refer to the Hagerstown Community College Catalog on the HCC website and also the *College Student Handbook* available in the student center.

Moodle

Course announcements and sequencing will be posted on Moodle online course management system. You must have a computer with an internet connection to access Moodle. If you have any technical problems with Moodle, please contact the support desk for assistance. The contact information for the support desk is on the main Moodle sign-in page. Failure to complete assignments on time because of technical problems will not be excused.

E-mail

The student is expected to use their HCC e-mail account. This account must be checked on a routine basis, as this is how the instructor will communicate with the student. If students do not use their HCC email accounts, or they fail to access Moodle on a regular basis, there will be no consideration given if email assignments/announcements are not received and Moodle assignments/announcements are not seen. The instructor shall not take responsibility for any missed information or assignments if the student is using their personal e-mail account or if the student does not check their HCC e-mail account on a routine basis.

Family Education Rights and Privacy Act (FERPA)

Family Educational Rights and Privacy Act of 1974 (FERPA) is strictly followed within this course and program. FERPA guidelines/notification can be found in each course semester catalog schedule under general information.

Tutoring

Any student who is experiencing difficulty with the course material or who has questions concerning reading material, lecture material or assignments should contact the instructor or the LSC. Tutoring is open to all students who request help and will be offered during office hours.

Services for Students with Disabilities: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.