

**Hagerstown Community College**  
**OFFICIAL COURSE SYLLABUS DOCUMENT**

**COURSE:** RAD 106

Clinical Technique I

3 credits

**INSTRUCTOR:****SEMESTER/YEAR:** Fall**COURSE DESCRIPTION**

This course provides supervised clinical experience in fluoroscopy, general radiography, operating room and portable radiographic procedures. Students are rotated through a variety of learning experiences. Clinical rotations are scheduled during day, evening and weekend hours. Course fee required. Minimum of 180 contact hours.

**TEXTBOOKS**

No textbooks are required; however all program required texts may be used. The online Clinical Learning Objectives Guide can be viewed on Moodle.

**STUDENT LEARNING OUTCOMES:**

1. Utilize the appropriate rules of conduct concerning communication and interpersonal relationships.
2. Organizes optimally the radiographic facilities as required by the specific procedures
3. Apply proper radiation protection methods as indicated by radiographic examination procedures according to Federal Government regulations
4. Evaluate radiographic image quality on radiographs
5. Utilize the appropriate rules of conduct concerning communication and interpersonal relationships
6. Recognize ethical and legal principles basic to the radiographic process.
7. Identify the responsibilities and expectations of the radiographer
8. Identify the ethical and legal principles of radiographic procedures.
9. Attend professional continuing education seminars.

**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:**

Face- to-face class

Assignment

Clock Hours

|                                |  |
|--------------------------------|--|
| Clinical Hours                 | 16 hrs/wk x 15 weeks = 240 hours           |
| Professionalism paper          | 2 hours                                    |
| Communication paper            | 2 hours                                    |
| Part 1 Technique Book          | 10 hours                                   |
| Weekly progress reports        | 15 min x 15 weeks = 3 hours and 45 minutes |
| <b>Total out of class time</b> | <b>257 hours and 45 minutes</b>            |

**CLINICAL OBJECTIVES**

The student completes the following as directed for each clinical education area:

1. Clinical Objectives relating to the assigned clinical areas and tying classroom learning to the clinical experience. Refer to the Clinical Learning Objectives book for assignments.
2. Patient care, positioning and radiographic technique practice in a variety of settings to develop professional skills in radiographic imaging.
3. Clinical competency evaluations in the realm of upper and lower extremities, chest and abdomen. During the first clinical semester, eight (8) competencies will be required.
4. Clinical evaluations in performance skills and affective behaviors in the clinical radiographic setting. Seven (7) clinical evaluations from clinical mentors are required for the semester.  
**\*\* If a student receives 3 (three) evaluations below an 85%, this will result in a drop of 1 (one) letter grade.**
5. Methods of instruction in the clinical setting include a variety of experiences including patient care, equipment manipulation, radiographic procedures, and radiographic film evaluations.

**CLINICAL EDUCATION OBJECTIVES\***

Student rotates through the following clinical areas:

1. Patient and Department Record Maintenance
2. General Radiography (CR and DR)
3. Fluoroscopy (CR and DR)
4. Portable Radiography (CR and DR)
5. Darkroom and Processing Procedures (if applicable)
6. Quality Assurance

7. Emergency Room
8. Evening Clinical Experience
9. Weekend Clinical Experience
10. Operating Room (after OR orientation)

\*Students utilize *Moodle* for access to clinical materials and other clinical student support services. Students will also maintain relevant clinical data on their PDA. Please consult the Radiography Program Student Handbook for more clarification on clinical matters.

## COURSE POLICIES

### Evaluation

The student is evaluated according to his/her level of instruction in related courses. Evaluation will consist of demonstrating clinical competency, professional conduct and attire, proper patient care, maintenance of the radiographic room, and film evaluation. The criteria for clinical evaluation used are those developed from the ones approved by the American Society of Radiologic Technologists and the American Registry of Radiologic Technologists.

### Supervision

Direct supervision by Staff Radiographers and/or Clinical Instructors is required during the first semester of clinical experience, Clinical Technique I / RAD 106.

**All repeat examinations must be completed under direct supervision of a registered radiographer.**

### Documentation for Repeats

All repeats are to be recorded in your PDA. This includes supplemental images. You must complete a repeat form if your repeat rate exceeds 15 images in any given month.

## ATTENDANCE

Attendance is required for successful completion of this course. The student will lose 1.5 points from their final grade for tardiness or early outs to clinical. A student will lose 3 points from their final grade for each absence recorded. A call to the clinical site, designated CI and HCC faculty must be made if a student is going to be late or miss clinical.

**Students will be penalized for absenteeism exceeding 24 hours of clinical time per semester.** The first absent occurrence beyond 24 clinical hours will result in a verbal warning and a 5 point deduction from the final clinical grade. A second absent occurrence beyond 24 clinical hours will result in a written warning and a 10 point deduction from the final clinical grade. Any subsequent clinical absences may result in a failing clinical course grade and automatic program dismissal.

\*\*Extended absences will be evaluated by the Hagerstown Community College Radiography program faculty and considered on a student-by-student basis.

**FERPA** (Family Educational Rights and Privacy Acts)

Hagerstown Community College follows this federal law. FERPA is a federal law designed to protect the privacy of educational records, to establish the rights of the students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal hearings. FERPA guidelines/notifications can be found in each course semester catalog schedule under general information

### **GRADING**

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

A student receiving a grade below "C" in the course must repeat it satisfactorily before advancing to the next level of study.

### **COURSE DISCLAIMER**

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

### **STUDENT EMAIL**

All students are expected to use their HCC e-mail account and the instructor will not be responsible for missed information if a student chooses to use their personal email account.

### **CODE OF CONDUCT AND APPEARANCE**

Professional behavior and appearance is expected at all times. Students are expected to follow the HCC Code of Student Conduct and conduct guidelines found in the Radiography Program Student Handbook at all times.

### **ACADEMIC CODE OF INTEGRITY, PLAIGFARISM, AND ACADEMIC STANDARDS**

This course will follow the HCC academic and program policies published in the College Guide, HCC Catalog, and Radiography Program Student Handbook.

### **TECHNOLOGY**

Disengage cell phones, ipods and beepers before entering the clinical education site. Contact the Clinical Coordinator if there is an emergency situation where contact may be necessary during your clinical education hours. Use computers and all other equipment in an appropriate manner and according to College, program and clinical facility guidelines.

**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](mailto:dss@hagerstowncc.edu) or at 240-500-2530.

**INSTRUCTOR CONTACT INFORMATION**

MNP: 8/1/16