

# BERGEN COMMUNITY COLLEGE

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## Division of Health Professions Radiography Program

### Course Information

Course Title: **Radiography Clinical IV**  
Course Code: RAD 289  
Meeting Times: Monday, Tuesday and Wednesday  
Credits: 3.0  
Experience Hours: 24 hours per week (total of 360 hours)

Co requisites: Radiography IV, RAD 275  
Prerequisites: Radiography I, II and II, Radiography Clinical I and II, Introduction to Radiography, Intermediate Radiography Clinical, Radiography Clinical III

### Course Description

Radiography Clinical IV involves the performance of routine, complex and advanced radiographic procedures under the supervision of a registered radiographer and or clinical instructor in the radiology department. Students spend 24 hours per week for 15 weeks meeting the established criteria for competency based clinical education.

The start time for this clinical course is dependent on the availability of the clinical instructors and the preferences of the hosting hospitals. Students are reminded not to schedule outside employment before the latest dismissal time (4 pm). While the program is sensitive to the needs of students having to work during their educational process, Students will NOT be dismissed early to accommodate a work schedule.

General Times are: 7am – 3:00 pm  
7:30 – 3:30 pm  
8:00 – 4:00 pm

Times are dependent upon clinical faculty availability.

Course Days: [RAD-289-001 Rad. Clinical IV](#) Monday, Tuesday, Wednesday

### Narrative Statement

**Competency- Based Clinical Education** is a progressive approach to the clinical development of a student. The student will receive didactic and

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laboratory instruction for radiographic procedures in Radiography I, II, III and IV. After the mastery of this knowledge, the students will continue a participative role at the clinical site. With the guidance of the clinical instructor and/or registered radiographer, the student will begin to practice positioning, learn the equipment, become familiar with the control panel, and gain confidence with the procedure. Students are expected to maintain and update all documentation on the clinical performance record.

The student will be required to perform a minimum of two (2) patient demonstrations under the direct supervision of a licensed radiographer, before requesting an **initial (mandatory or elective) clinical competency evaluation (ICCE)**. Only after mastery of the ICCE, does the student become clinically responsible for the procedure. The student must become familiar with all of the rules and requirements for clinical competency evaluations as outlined in the **Competency-Based Clinical Education Manual**.

**NOTE-** Competency does not mean proficiency, which can only be gained by continual practice.

**Students are expected to perform as many cases as possible in the hosting institution. This will enhance the clinical experience and place the student in a more favorable position with the hosting institution. Please remember that, at this point in time, the clinical affiliates are looking at students as potential employees.**

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- Perform and/or assist with radiographic procedures under direct supervision of a registered radiographer.
- Perform independently in areas of successful clinical competency evaluations.
- Evaluate each requisition and demonstrate proper physical facilities readiness.
- Demonstrate current positioning skills and demonstrate proper patient-radiographer relationship / communication skills.

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- Manipulate the radiographic equipment effectively and demonstrate evidence of proper radiation protection skills for patient, self and others.
- Evaluate the radiographic image criteria and Complete semester objectives in a timely fashion.

## Clinical Course Grade & Related Policies

### **35% CLINICAL PROFILE EVALUATION FORM**

Each Clinical Instructor will complete two profiles (7<sup>th</sup> week) and (14<sup>th</sup> week). A midterm evaluation form is completed and a conference is scheduled to discuss issues that affect student progress. This form does not count towards the final grade, but is intended to serve as a formative assessment to- date; providing you opportunity to improve upon areas of weakness.

The second profile and conference is graded and counts toward the final grade. The profile documents student performance in demonstrating: patient care, clinical skills, initiative, attitude, dependability, ethical practice, quality, and quantity of work, organization, radiation protection, universal precautions, and patient safety.

### **35% Clinical Competency Evaluations**

In order to acquire a competency evaluation, a minimum of two *patient demos* must be under the direct supervision of a NJ licensed radiographer.

1. **8-10 mandatory cases (ICCE) (Finish up mandatory exams this semester)**
2. **5 elective cases (ECCE)**
3. **1 continual (CCCE) (mandatory and must be of a higher level than the original comp)**

### **30% Affective Domain Evaluation Form**

Each Clinical Instructor will complete two affective domain evaluations (7<sup>th</sup> week) and (14<sup>th</sup> week).

A midterm evaluation form is completed and a conference is scheduled to discuss issues that affect student progress. This form does not count towards the final grade, but is intended to serve as a formative

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assessment to- date; providing you opportunity to improve areas of weakness.

The second affective domain evaluation and conference is graded and counts toward the final grade. The profile documents student performance in demonstrating: patient care, clinical skills, initiative, attitude, dependability, ethical practice, quality, and quantity of work, organization, radiation protection, universal precautions, and patient safety.

### **P/F IMAGE EVALUATION**

Each student is expected to perform five (5) image evaluations on studies from upper extremities, lower extremities, chest, abdomen and a barium study.

### Professional Attire Requirement & Policy

This category reflects the student's professional appearance, attire and ethical practice at the clinical site.

All students are expected to comply with the regulations found in this course syllabus, student handbook, as well as the rules and policies in the College Catalog.

### **Program Attendance Policy**

In order to develop knowledge and clinical skills, students must take a proactive approach to clinical education. The program feels that regular attendance is an integral component that is needed towards knowledge and skills development. Regular attendance assures a timely acquisition of clinical competency cases. By the end of the clinical education process, ALL students must master those skills that are needed to function in the capacity of an entry-level radiographer.

Students are expected to attend every scheduled clinical session of the course. Students are to be apprised that absences and late events WILL adversely affect their continuation and grades in the program. **Students are apprised that this program has a zero tolerance policy** regarding issues that are related to student attendance/late events in didactic and clinical education courses.

Students are expected to call the clinical education center and inform them of the absence or late event by the start time. When calling the clinical education center, you are expected to talk to Bergen Community College faculty(your Instructor). Do NOT call the program office to inform them of absence or late events. A medical note (doctor's note) validates the absence it does not excuse it, (medical excuses are handled on a case-by-case basis and are for extreme illness).

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### Policy Statement

Permitted absence time= 1 day per semester.

Late events are deducted from the 1 allowable day.

### **Extended Absence Policy**

Students are expected to be aware of the program's policy for excessive absence and extenuating circumstances. (10 days maximum both didactic and clinical time together).

### **Radiography Program Repeat Radiograph Policy**

**Regardless of the student's level of competency, unsatisfactory radiographs shall be repeated only under the DIRECT supervision of a licensed radiographer/instructor. Failure to comply, with this policy is a serious violation of state and national regulations/laws and will result in a suspension or program dismissal.**

**Example: First infraction- suspension-minimum of 1 week  
Second infraction- program dismissal**

Please note that clinical problems, questions, and issues are to be handled according to the chain of command as described below:

- 1) Discuss the issue with the clinical instructor
- 2) If the issue is not resolved then the clinical coordinator will Become involved.
- 3) If the Clinical coordinator is unable to solve the issue then the student may then see the program director.

**Under NO circumstances are students to go to the program director without first meeting with the clinical coordinator.**

Course Textbook

Bontrager and Anthony (2004) Textbook of Radiographic Positioning and Related Anatomy. Mosby, 7<sup>th</sup> Edition

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In order to pass this course, students must achieve a 77% or higher. Students are expected to be familiar with program policies, regulations, grading and competency requirements.

This document and policies are subject to change. Students will be notified accordingly through electronic mail.

### **Grade Assignment Protocol and Policy**

Letter grades for each radiography course are assigned as follows:

A	92-100
B+	89-91
B	83-88
C+	80-82
C	77-79 (Minimal passing grade is 77%)
F	76 and below

### **Semester Competency Requirements:**

	RAD 182	RAD 282	RAD 283	RAD 286	RAD 289	RAD 290	TOTALS
Patient care simulation	6	0	0	0	0	0	6
Mandatory cases	1-2	5-6	10	18	10	0	37
Elective cases	0	2	3	5	5	0	15
Continual cases	0	0	2	2	1	0	5
Terminal cases	0	0	0	0	0	5+	5+
Image Evals	2	3	5	5	5	5	25

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Students will be notified of changes verbally and/or electronically.

**\*Please note that students may not start ANY Terminals in RAD 290 until all mandatory and elective competencies are completed.**

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RAD 289-001

I \_\_\_\_\_ do hereby acknowledge receipt of the  
PLEASE PRINT NAME

Syllabus for RAD 289.

This syllabus has been made available to me.  
Any questions have been explained, and I agree to abide by all the inclusions.

NAME: \_\_\_\_\_  
PLEASE SIGN NAME

DATE: \_\_\_\_\_

\*\*This document and policies contained within are subject to change.  
Students will be notified accordingly through electronic mail.

**Under NO circumstances are students to go to the  
program director without first meeting with the  
clinical coordinator.**