

Bergen Community College
Division of Health Professions
Radiography Program= Student Syllabus and Course of Study for Clinical Education

A. Course Information

Course: **Radiography Clinical III**
Course Code: RAD 286 Semester: FALL 2016
Meeting Times: Thursday and Friday Credits: 1.0
Experience Hours: 8.0 per day (2 days per week=120 total hours)
Faculty: Professor Elizabeth Ministero-Romano MS Ed. RT. (R) (M)
Clinical Education Coordinator
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B. Course Description

RAD 286 Radiography Clinical III requires students to spend 2 clinical days per week in the radiology department where students will perform routine, complex and advanced examinations under the direct supervision of a registered (licensed) radiographer and a college instructor. Procedures performed are evaluated on the basis of competency based clinical education system. All senior students will rotate through Bergen Regional Medical Center for a Geriatric rotation. Bergen Regional offers a magnificent clinical educational experience.

C. Narrative Statement and Overview of Basic Requirements

Competency- Based Clinical Education is a progressive approach to the development of student radiographers. The student will receive didactic, laboratory and clinical instruction. After the mastery of basic knowledge, students continue taking 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. Before a student performs radiographic procedures on a patient, the instructor will validate by documenting the date on the performance record under **laboratory proficiency** column. For each procedure, 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). Students are under direct clinical supervision until competency is achieved. Only after mastery of the ICCE, may the student become clinically responsible for the procedure (indirect supervision). The clinical instructor will validate the demonstrations by initialing the Performance record.

Bergen Community College
Division of Health Professions
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D. Educational Student Learning Outcomes

Upon completion of the course, the student must 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. Demonstrate proper physical facilities readiness. Demonstrate current positioning skills. Demonstrate proper patient-radiographer relationship/communication skills. Manipulate the radiographic equipment effectively. Demonstrate evidence of proper radiation protection skills for patient, self and others. Evaluate the radiographic image criteria. Complete semester objectives in a timely fashion.

E. Competency Evaluation Objectives

Please see clinical competency form

G. Course Requirements and Grading Policy

30% CLINICAL PROFILE EVALUATION FORM

Each clinical instructor will complete a Clinical Conference Form (7th week) and Clinical Profile around the (14th) week. A mid term conference is scheduled to discuss issues that effect student progress. 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% Affective Domain

1. One form done at the mid-semester point = non graded used for formative assessment
2. One form done at the end of the semester=graded used for summative assessment

35% Competency Evaluations Requirement

1. 10 mandatory cases (ICCE)
2. 5 elective cases (ECCE) (pass/fail)
3. 2 continual cases (CCCE) (pass/fail)

Pass/Fail TECHNIQUE BOOK DEVELOPMENT

Students are required to document techniques that are used. Such information may be recorded in a pocket positioning book. The following information MUST be recorded: mA, time (mAs), SID,

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 Division of Health Professions
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measurement, image receptor and projection. STUDENTS MUST MEASURE PATIENTS. Students must also shield all patients whenever possible.

Pass/fail Image Evaluation

Each student is expected to perform 5 image evaluations on studies from upper extremities, lower extremities, chest and abdomen. In their presentation, students should address (a) patient history (b) positioning (c) technical factors and (d) basic radiation safety.

Semester Competency Requirements

	RAD 182	RAD 282	RAD 283	RAD 286	RAD 289	RAD 290	Total
Patient Care Simulation	10	0	0	0	0	0	10
Mandatory Cases	1	6	10	10	10	0	37
Elective Cases	0	0	5	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

The official grading policy for all courses in the Radiography Program is:

Grade Assignment Protocol and Policy

Letter grades for each radiography course are assigned as follows:

- A 92-100%
- B+ 89-91.9%
- B 83-88.9%
- C+ 80-82.9%
- C 77-79.9%

- D 76.9-70% Not recognized by the program
- F 69.9% and lower unsuccessful

Any grades below 77% are not acknowledged by the Radiography Program. The rationale for this grading policy: The ARRT has mandated that the minimal passing grade on the registry examination is 75% (77% pre-smoothing).

H. Course Professional Attire Requirements

Students are expected to adhere to the program's policy regarding uniforms. Failure to be in uniform will result with the student being dismissed for the day. This will account for an absence for each infraction.

I. Course Textbooks

Bontrager and Anthony (2004) Textbook of Radiographic Positioning and Related Anatomy. Mosby, 6th Edition

J. Radiography Program Repeat Radiograph Policy

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Division of Health Professions
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Regardless of the student's level of competency, unsatisfactory radiographs shall be repeated only under the DIRECT supervision of a licensed radiographer. Failure to comply is a serious violation of state and national regulations and may result in a suspension or program dismissal.

K. General Student Information

Please be advised that the policies and procedures indicated in this syllabus and handbook are Subject to change. If any change is made, all students will be made aware of it. In order to pass this course, the student must achieve a 77% (C) grade or higher. The grading requirements begin on page 3 of this syllabus. Grades are assigned according to the policy that is published in of the Radiography Student Handbook and Clinical Education Manual.

L. Clinical Attendance policy :

The maximum allowable time off from clinical is= 1 day.

Late events: Are not tolerated just as they would not be tolerated by a potential employer.

Absences and late events will adversely affect the Affective domain form grade and result in loss of overall points.

As a part of the course requirement, students are expected to be aware of and follow the attendance policy that is published :

The maximum allowable time off from clinical is= 1 day. Each Subsequent

Absence will result in a 3 point deduction from the final grade.

Late events: Are not tolerated just as they would not be tolerated by a potential employer. One approx. 5-10 min late event is excused; however, beyond that

There will be a 2 point deduction from the final grade for each event.

**Please note that a doctor's note does not justify an absence it simply validates the absence.

The clinical coordinator will make the final judgment on any possible extenuating circumstances when presented with proper medical/legal documentation.

Policies are subject to change. The clinical coordinator will notify the students electronically and in writing of any changes to the syllabus.

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RAD 286 Fall 2016

I have read and understand the syllabus. I realize that a grade of 77% must be achieved in order to pass the course. I also understand that I must achieve 10 competencies this semester to complete course objectives. Please see Radiography Clinical Competency Policy as administered by the ARRT.

As a part of the course requirement, students are expected to be aware of and follow the attendance policy that is published :

The maximum allowable time off from clinical is= 1 day. Each Subsequent Absence will result in a 3 point deduction from the final grade.

Late events: Are not tolerated just as they would not be tolerated by a potential employer. One approx. 5-10 min late event is excused; however, beyond that

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**Please note that a doctor's note does not justify an absence it simply validates the absence. The clinical coordinator will make the final judgment on any possible extenuating circumstances when presented with proper medical/legal documentation.

I further understand that if I have questions I may see the Clinical Education Coordinator for clarification of any questions. I will abide by all the policies of this syllabus.

Student Name

Date

*Policies are subject to change and the student will be notified by electronic means.