

**Bergen Community College
Division of Health Professions
Department of Radiography**

RAD 290 – Advanced Radiography Practicum

Basic Information About Course

Course Typically Offered: Summer
Semester and Year: Summer, Year 2
Course and Section Number: RAD 290
Locations: Clinical Off-Site
Office: HP-308

Course Description

The Senior Student Seminar involves the performance of routine, complex and advanced radiographic procedures under the supervision of a registered radiographer and college instructor in the radiography department. The students will spend twelve (12) weeks meeting the established requirements for a competency-based clinical education. The specialty elective rotations will continue. Upon completion of all required radiography core and clinical competency based requirements, the students are eligible to apply to the ARRT for the radiography certification examination.

Credits – 3 CR, Clinical [32.0]
Prerequisites - RAD 182 Radiography Practicum I
RAD 282 Radiography Practicum II
RAD 283 Summer Radiography Practicum
RAD 286 Radiography Practicum III
RAD 289 Radiography Practicum IV

Co Requisites -

Student Learning Objectives: As a result of meeting the requirements in this course, students will be able to:

1. Perform and/or assist with radiographic procedures under direct supervision of a registered radiographer.
2. Perform independently in areas of successful clinical competency evaluations.
3. Demonstrate proper patient-radiographer communication skills.

4. Demonstrate the ability to safely manipulate hospital and radiographic equipment.
5. Apply their knowledge of radiation safety to protect the patient and participating occupational workers. Educate a patient on the procedure being performed, including risks versus benefits of radiation.

Means of Assessment

Students in this course will:

1. Complete six (6) clinical competencies.
2. Demonstrate their understanding of material by participating in five image evaluations.
3. A summative and formative assessment based on the student clinical profile and affective domain.
4. A comprehensive exit examination will be completed at the end of the semester prior to graduation.

Course Content

In this course, radiography students will continue their professional development in the clinical setting. RAD 290 Advanced Radiography Practicum requires students to spend 3 clinical days per week in the radiology department where students will perform routine, complex and advanced examinations under the direct supervision of a registered radiographer and a college instructor. Students will complete terminal competencies after finishing any remaining mandatory, elective, and continual competencies. Students expand their ability to critically think in the clinical setting. They will continue their rotations through imaging modalities and spend extended time in operating and fluoroscopic procedures. Students will also continue their comprehensive review for the ARRT registry examination. Successful completion of the course and exit examination will allow students to apply for the ARRT examination.

Course Texts and/or Other Study Materials

Lampignano, John & Kendrick, Leslie. *Bontrager's Textbook of Radiographic Positioning and Related Anatomy 10th Edition*. Elsevier, 2021. ISBN 978-0-323-65367-1

Lampignano, John & Kendrick, Leslie. *Bontrager's Handbook of Radiographic Positioning and Related Anatomy 10th Edition*. Elsevier, 2021. ISBN 9780323797900

Small notebook for notes/technical charting

Pen

Analog watch

Research, Writing, and/or Examination Requirement(s)

Clinical Profile & Affective Domain

Students will be evaluated based twice during the semester on their progress and development as a radiologic technologist. The first evaluation will happen approximately at the midpoint of the semester and will be formative in nature. The second evaluation will happen at the end of the semester and will be summative in nature. These are done to demonstrate improvement throughout the course of the clinical experience.

Grading Policy

Recommended Grade Structure

Competency evaluations and profile forms are determined by the radiography program.

The Radiography program grading scale is outlined in the program handbook available here <https://bergen.edu/radiography/more-info/>

Clinical Affiliates

Students will be assigned to their clinical site by the director and/or the coordinator of the program. This is subject to change at the discretion of the director and clinical coordinator.

Affiliates include the following locations:

- Hackensack University Medical Center (HUMC) - Hackensack, NJ
- Holy Name Hospital (HNN) - Teaneck, NJ
- Cooperman Barnabas Health - Livingston, NJ
- Hudson Regional Hospital (HRH) - Secaucus, NJ
- New Bridge Medical Center - Paramus, NJ
- Hackensack Meridian Pascack Valley Medical Center - Westwood, NJ

Attendance Policy

BCC Attendance Policy:

All students are expected to attend every scheduled meeting of each course in which they are registered. Attendance and lateness policies and sanctions are to be determined by the instructor for each section of each course. These will be established in writing on the individual course outline. Attendance will be kept by the instructor for administrative and counseling purposes.

Attendance Policy for this Course.

For each clinical semester, students will be afforded one eight-hour (8) absence. Additional absences will result in the loss of two (2) points from the final grade.

Arriving late and/or leaving early will result in the loss of one (1) point from the final grade.

A doctor's note will validate an absence but does not excuse the absence.

Other College, Divisional, and/or Departmental Policy Statements

Accommodations for Disabilities:

Bergen Community College aims to create inclusive learning environments where all students have maximum opportunities for success. Any student who feels he or she may need accommodation based on the impact of a disability should contact the Office of Specialized Services at 201-612-5269 or via email at ossinfo@bergen.edu for assistance.

Statement on Mental Health and Wellbeing

Mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. Bergen Community College has licensed Personal Counselors available to assist you with addressing these and other concerns you may be experiencing.

You can learn more about the confidential mental health services available on campus via the Health and Wellness Center at www.bergen.edu/personalcounseling

BCC Statement on Plagiarism: Plagiarism is a form of academic dishonesty and may be a violation of U.S. Copyright laws. Plagiarism is defined as taking someone else's words, opinions, or ideas and claiming them as one's own.

Examples of plagiarism include instances in which a student:

- knowingly represents the work of others as his/her own
- represents previously completed academic work as current
- submits a paper or other academic work for credit which includes words, ideas, data or creative work of others without acknowledging the source
- uses another author's exact words without enclosing them in quotation marks and citing them appropriately
- paraphrases or summarizes another author's words without citing the source appropriately

Instructors may define their own policies regarding plagiarism. See the Academic Regulations section of the college catalog for college policies.

Available Online and On-Campus Resources

Office of Testing and Tutoring at the Meadowlands LYN 202

<https://bergen.edu/tutoring/tutoring-testing-center-at-the-meadowlands/>

The Writing Center and Tutoring Center L-125 <https://bergen.edu/tutoring/writing-center/>

OWL (Online Writing Lab) <http://www.owl.english.perdue>

The English Language Resource Center (ELRC) C-212

<https://bergen.edu/tutoring/english-language-resource-center/>

The Library <https://bergen.edu/library/>

MLA Formatting Guides <https://bergen.libguides.com/citationguides/mla>

Library Research Guides <https://bergen.libguides.com/index.php?b=s>

Free Time Computer Labs <https://bergen.edu/technology-assistance/computer-lab-availability/>

The Center for Student A-118 (Academic, Career, International, and Transfer Counselors)

<https://bergen.edu/center-for-student-success/>

Academic Support <https://bergen.edu/academics/pathway-scholars-program/academic-support/>

Personal Counseling HS-100

<https://bergen.edu/health-wellness-and-personal-counseling/personalcounseling/>

Clinical Rotation Case Requirements

At the completion of the semester, students should have the following cases:

Types of Case(s)	Total Number Recommended for the Semester
Patient Care Simulation	0
Initial (Mandatory) Clinical Competency Evaluation	0
Elective Clinical Competency Evaluation	0
Continual Clinical Competency	0
Terminal Clinical Competency	5+
Image Evaluations	5

A 100% completion rate of these requirements will ensure successful completion of the program in a 2-year timeframe.

Note to Students: This Course Outline and Calendar is tentative and subject to change, depending upon the progress of the class.

Important dates for the semester can be found at

<https://bergen.edu/events/category/academic-calendar/list/>

Date of Most Recent Syllabus Revision: 05/2023