

Virginia Western Community College

RAD 232

Advanced Clinical Procedures II

Prerequisites:

None

Course Description:

Reinforces technical skills in fundamental radiographic procedures. Introduces more intricate contrast media procedures. Focuses on technical proficiency, application of radiation protection, nursing skills, and exposure principles. Teaches advanced technical procedures and principles of imaging modalities, correlating previous radiographic theory, focusing on full responsibility for patients in technical areas, perfecting technical skills, and developing awareness of related areas utilizing ionizing radiation. Provides clinical experience in cooperating health agencies.

Semester Credits: 5**Lecture Hours: 0****Lab/Clinical/Internship Hours: 24****Required Materials****Textbook:**

Radiographic Positioning & Related Anatomy. Kenneth L. Bontrager & John P. Lampignano.
ISBN: 9780323083881

Radiographic Positioning & Related Anatomy: Workbook. ISBN: 0323088329

Radiographic Positioning & Related Anatomy: Pocket Handbook. ISBN: 9780323083898

Supplementary Materials:

Several resource textbooks are located in the Radiography Lab
On campus laboratory facilities are available to radiography students during the day
One-on-one tutoring available upon request

Course Outcomes**At the completion of this course, the student should be able to:**

- Complete the required number of procedure and category competencies.
- Perform at a minimum level of competency, all procedures previously completed on the procedure roster.
- Correctly apply all standard radiation protection techniques.
- Interpret and follow all hospital and program policies as they relate to the clinical environment.

- Perform with appropriate supervision, general and specific procedures encountered during evening and weekend assignments.
- Satisfactorily practice positive affective domain characteristics in the clinical environment.

Topical Description

I: Performing Clinical procedures and Competencies

- Completing required number of radiographic procedures and competencies
- Category Competency Completion
- Film Evaluation and Critique

II: Basic Positioning and Patient Care

- Correct application of positioning concepts and patient care procedures

III: Radiation Protection Procedures

- Patient Protection Methods
- Operator Protection Methods

IV: Radiology Department Responsibilities

- Radiology Department and Radiography Program Regulations
- Departmental Staff/Fellow Student Interpersonal Relations

V: Weekend and Evening Clinical Experiences

- Specific Procedure Competencies
- Operational Procedures and Patient Care Situations

VI: Applied Material from Laboratory Lecture

- Correct Application of New Procedures, Techniques, and Equipment
- Completion of Clinical Worksheets and Lab

VII: Affective Domain

- Characteristics of the Affective Domain

Note to Instructors

1. One-on-one tutorial sessions are available upon request.
2. Students may utilize the energized laboratory under supervision of a faculty member while on campus.
3. On-campus laboratory rules attached.
4. Students must adhere to the program's "Repeat Policy" when repeating any radiographic procedures.