

Virginia Western Community College

ROC 231

Clinical Clerkship III

Prerequisites

Successful completion of ROC 132.

Course Description

A continuation of Clinical Clerkship II, the student will be introduced to intermediate and complex treatment and simulation procedures as well as dosimetry, beam modification devices and brachytherapy competencies. The student should demonstrate proficiency in equipment manipulation and intermediate patient care skills.

Semester Credits: 5

Lecture Hours: 0

Lab/Clinical/Internship Hours: 25

Required Materials

Textbook:

Principles and Practice of Radiation Oncology. Washington, C. & Leaver, D. (2010). 3rd Edition. Mosby Co. ISBN: 9780323053624

Radiation Therapy Essentials Board Preparation Tool. Vann, A., Arazie J. & Sutton, M. (2010). RadOnc Publications. ISBN: 9780615416656

Other Required Materials:

Radiation Oncology *Clinical Handbook*

Course Outcomes

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

- Demonstrate proficiency in the performance of basic simulation and treatment procedures
- Develop competency in the performance of intermediate and complex treatment and simulation procedures
- Develop competency in the construction and use of beam modification and patient immobilization devices.
- Demonstrate proper manipulation and operation of treatment and simulation equipment.
- Demonstrate proper radiation safety practices and procedures

- Propose referrals using appropriate channels
- Demonstrate proficiency in the performance of intermediate patient care skills for patients undergoing radiation therapy treatments
- Develop competency in obtaining and evaluating port films
- Identify anatomy displayed on simulation and port films
- Display self-kept records of radiation therapy procedures in which the student has assisted and performed

Topical Description

1	Unit I	GYN
2	Unit II	Chemotherapy PPT
3	Unit III	Port; Film Changes / Scenarios
4	Unit IV	Breast
5	Unit V	Breast
6	Unit VI	CNS; CSI PPT
7	Unit VII	Esophagus / Stomach
8	Unit VIII	Colon / Rectum / Anus
9	Unit IX	Pancreas & Commonly Used Drugs
10	Unit X	Pituitary / Pediatrics
11	Unit XI	Guest Lecturer
12		Case Study Presentations

Note to Instructors