

Virginia Western Community College
ROC 232
Clinical Clerkship 1V

Prerequisites

ROC 231

Course Description

The student performs intermediate procedures with minimal assistance and demonstrates comprehension of tasks related to complex procedures. During this clerkship, the student should demonstrate the ability to work more independently.

Semester Credits: 5 Lecture Hours: 0 Lab/Clinical/Internship Hours: 25

Required Materials**Textbook:**

Washington, C. and Leaver, D. (2010). Principles and practice of radiation therapy. (3rd edition) MO: Mosby Co. ISBN 13: 978-0-323-05362-4

Vann, A., Arazie, J., Sutton, M., (2010). Radiation Therapy Essentials Board Preparation Tool. RadOnc Publications. ISBN: 978-0-615-41665-6

Other Required Materials:

Radiation Oncology Clinical Handbook

Course Outcomes

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

1. Demonstrate proficiency in the performance of basic simulation and treatment procedures.
2. Continues development of competency in the performance of complex treatment and simulation procedures.
3. Develop competency in dosimetry, beam modification devices and brachytherapy procedures.
4. Demonstrate proper manipulation and operation of treatment and simulation equipment.
5. Demonstrate proper radiation safety practices and procedures.
6. Propose referrals using the appropriate channels.
7. Demonstrate proficiency in the performance of intermediate patient care skills for patients undergoing radiation therapy treatments
8. Develop competency in obtaining and evaluating port films.
9. Identify anatomy displayed on simulation and localization films.
10. Manage self-kept records of radiation therapy procedures in which the student has assisted and performed.

| | Subject | Reading Assignment |
|-----------|--|--|
| Unit I | GYN | W & L pages 807-820 Radiation Therapy Essentials pgs. 33-35 (cervix, endometrium & vagina) & 92-93 (abdomen/lower back) |
| Unit II | Port Film Change Techniques/Scenarios | Handout in Class |
| Unit III | Chemotherapy ppt | Handouts in Class |
| | Test One | |
| Unit IV | Breast | Radiation Therapy Essentials pgs. 25-26 (Breast), 149 (Tumors of the breast)-152, pg. 87 (skin reactions) |
| Unit V | Breast | W & L pages 879-892 |
| Unit VI | CNS CSI ppt | W & L pages 757-761 Radiation Therapy Essentials pgs 37-40, 89 (Scalp side effects), 159 (CNS) - 165 |
| Unit VII | Test Two | |
| Unit VIII | Esophagus/Stomach | W & L pages 786-791 Radiation Therapy Essentials pgs. 24 (Esophagus), 29 (Stomach), 152 (Tumors of the Abdomen)-153 |
| Unit IX | Colon/Rectum/Anus | W & L pages 771-779, 780-781 Radiation Therapy Essentials pgs. 29 (Pelvic Cancers)-30, 154 (Tumors of the Pelvis) - 156 |
| Unit X | Pancreas | W & L pages 795-797 Radiation Therapy Essentials pg. 28 (Pancreas) |
| | Test Three | |
| Unit XI | Pituitary/Pediatrics | W & L pages 655-657, 908 Radiation Therapy Essentials pgs. 21, 40 (Solid Tumors of Childhood) -43 |

Topical Description

