

Cover Page

ROC 231

Clinical Clerkship III

Program Head: Matilda Conner

Dean's Review:

Dean's Signature: _____ Date Reviewed: ___/___/___

VIRGINIA WESTERN COMMUNITY COLLEGE
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Revised: Fall 2016

ROC 231

Clinical Clerkship III

COURSE OUTLINE

Prerequisites:

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

Lab Hours: 25

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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. Develop competency in the performance of intermediate and complex treatment and simulation procedures.
3. Develop competency in the construction and use of beam modification and patient immobilization devices.
4. Demonstrate proper manipulation and operation of treatment and simulation equipment.
5. Demonstrate proper radiation safety practices and procedures.
6. Propose referrals using 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 port films.
10. Display self-kept records of radiation therapy procedures in which the student has assisted and performed.

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Required Materials:

Radiation Oncology *Clinical Handbook*

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

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Topical Description:

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	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	Chemotherapy ppt	Handout in Class
Unit III	Port Film Changes/Scenarios	Handouts in Class
	Test One	In Class
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	In Class
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 & Commonly Used Drugs	W & L pages 795-797 Radiation Therapy Essentials pg 28 (Pancreas) Handout
	Test Three	In Class
Unit XI	Pituitary/Radiatics	W & L pages 655-657, 908 Radiation Therapy Essentials pgs. 21, 40 (Solid Tumors of Childhood) -43
Unit XII	Guest Lecturer Billing Lecture/Kelley Tolley &Total Body Irradiation	Power Point Presentation

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	Test Four	In Class
TBA	Final Exam Case Study Presentations	

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