

Cover Page

ROC 231

Clinical Clerkship III

Program Head: Tillie Conner

Dean's Review:

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

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



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

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



ROC 231 Clinical Clerkship III

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.

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



ROC 231 Clinical Clerkship III

Required Materials:

Radiation Oncology *Clinical Handbook*

Textbook:

Washington, C. and Leaver, D. (2021). *Principles and practice of radiation therapy*. (5th edition) MO: Mosby Co. ISBN 13: 978-0-323-59695-4

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

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



ROC 231 Clinical Clerkship III

Topical Description:

	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	
		W & L pages 655-657, 908

VIRGINIA WESTERN COMMUNITY COLLEGE
 PO Box 14007
 Roanoke, VA 24038
 (540)-857-7273



Unit XI	Pituitary/Pediatrics	Radiation Therapy Essentials pgs. 21, 40 (Solid Tumors of Childhood) -43
Unit XII	Guest Lecturer Billing Lecture/Kelley Tolley	Power Point Presentation
	Test Four	
TBA	Final Exam Case Study Presentations	

VIRGINIA WESTERN COMMUNITY COLLEGE
 PO Box 14007
 Roanoke, VA 24038
 (540)-857-7273

