

Cover Page

ROC 142 Patient Care in Oncology

Program Head: Matilda Conner

Dean's Review:

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

VIRGINIA WESTERN COMMUNITY COLLEGE
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ROC 142 Patient Care in Oncology

COURSE OUTLINE

Prerequisites:

None

Course Description:

The student is introduced to the clinical setting and the basics of Radiation Oncology. The student gains experience in basic technical and patient care skills through supervised direct patient contact, clinical and phantom work.

Semester Credits: 1

Lecture Hours: 1



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Course Outcomes:

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

1. Apply terminology pertaining to medical and therapy profession.
2. Depict the role and responsibilities of each staff member.
3. Recognize stages of grief and behavior of the cancer patient.
4. Explain nutritional aspects related to cancer and radiation treatments.
5. Explain common side effects and support given.
6. Review ethical and legal issues relevant to patient care.
7. Explain infection control as it relates to the radiation therapy department.
8. Explain oncology emergencies relevant to the cancer patient.

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Required Materials:

None

Textbook:

Washington, C. & Leaver, D. (2010). *Principles and practice of radiation oncology*. (3rd ed.). Mosby Co. ISBN-978-0-323-05362-4

Haas, M., Hogle, W. (2007). *Radiation therapy: A guide to patient care*. Mosby Co. ISBN-978-0-323-04030-3

The following supplementary materials are available:

- 1.
- 2.
- 3.

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Topical Description:

Week	Topic	Reading
1	General Patient Care Topics Sterile Technique	Power Point #1 Power Point #1b
2	Body Mechanics Radiation Induced Nausea, Vomiting & Diarrhea	Power Point #2 Haas & Hogle-Chapter 34 Power Point #2b
Test 1-Blackboard at Learning Center		
3	Radiation Protection Simulation & Treatment	Haas & Hogle- Chapter 3 Hass & Hogle –Chapter 5 Power Point #3
4	Infection Control	Washington & Leaver-Chapter 10 Power Point #4
Test 2-Blackboard at Learning Center		
5	Assessment Psychosocial Concerns	Washington & Leaver-Chapter 11 Power Point # 5
6	Drug Administration Pain	Washington & Leaver-Chapter 12 Haas & Hogle-Chapter 31 Power Point # 6
Test 3-Blackboard at Learning Center		
7	Nutrition Radiodermatitis	Haas & Hogle-Chapter 33 Haas & Hogle-Chapter 30 Power Point #7
8	*Central Nervous System Pediatric Care	Haas & Hogle-Chapter 6 Washington & Leaver-Chapter 39 Power Point # 8

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Test 4-Blackboard at Learning Center

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|----|---------------------------------|--|
| 9 | *Head and Neck
Mucositis | Haas & Hogle-Chapter 7
Haas & Hogle-Chapter 32
Power Point #9 |
| 10 | *Breast Cancer
* Skin cancer | Haas & Hogle-Chapter 9
Haas & Hogle-Chapter 15
Power Point #10 |

Test 5-Blackboard at Learning Center

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|----|--|---|
| 11 | *Gynecological Cancers
*Genitourinary Cancers | Haas & Hogle-Chapter 12
Haas & Hogle-Chapter 13
Power Point# 11 |
| 12 | Sexuality | Haas & Hogle-Chapter 35
Power Point #12 |

Test 6-Blackboard at Learning Center

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| 13 | Spinal Cord and Bone Metastases | Haas & Hogle-Chapter 14
Power Point #13 |
| 14 | * Gastrointestinal Cancers | Haas & Hogle-Chapter 10
Power Point # 14 |

Test 7-Blackboard at Learning Center

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| 15 | * Lung Cancer | Haas & Hogle-Chapter 8
Power Point #18 |
| | Geriatric Considerations in Radiation Oncology | Haas & Hogle-Chapter 40
Power Point #16 |



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Notes to Instructors

(List information about optional topics, departmental exams, etc)

- 1.
- 2.
- 3.
- 4.

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