

# Virginia Western Community College

## ROC 142

### Patient Care in Oncology

#### **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: 2**

**Lecture Hours: 2**

**Lab/Clinical/Internship Hours: 0**

#### **Required Materials**

##### **Textbook:**

Principles and Practice of Radiation Oncology. Washington, C. & Leaver, D. (2010). 5<sup>th</sup> Edition. Mosby Co. ISBN: 978032359695-4

Radiation Therapy: A Guide to Patient Care. Haas, M. & Hogle, W. (2007). Mosby Co. ISBN: 9780-23040303

##### **Other Required Materials:**

#### **Course Outcomes**

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

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

## **Topical Description**

1	General Patient Care Topics; Sterile Techniques
2	Body Mechanics; Radiation Induced Nausea, Vomiting and Diarrhea
3	Radiation Protection; Simulation and Treatment
4	Infection Control
5	Assessment; Psychosocial Concerns
6	Drug Administration; Pain
7	Nutrition; Radiodermatitis
8	Central Nervous System; Pediatric Care
9	Head and Neck; Mucositis
10	Breast Cancer; Skin Cancer
11	Gynecological Cancers; Genitourinary Cancers
12	Sexuality
13	Spinal Cord and Bone Metastases
14	Gastrointestinal Cancers
15	Lung Cancer; Geriatric Considerations in Radiation Oncology

## **Note to Instructors**