

Virginia Western Community College
COURSE SYLLABUS

- I. **COURSE NUMBER** ROC 121
- II. **COURSE TITLE** Radiation Oncology/Pathology II
- III. **CREDIT HOURS** 3
- IV. **CONTACT HOURS** 45
- V. **COURSE PREREQUISITES** ROC 110, ROC 120

VI. COURSE DESCRIPTION

A continuation of Radiation Oncology /Pathology I, which focuses on malignant pathology arising in each anatomical site, radiation treatment rationale, treatment techniques, and radiobiological response.

VII. COURSE OBJECTIVES

1. Apply terminology to anatomy discussed.
2. Using diagrams label and identify anatomical structures.
3. For each cancer reviewed, identify etiology, presenting symptoms, pathology, staging, patterns of spread, and prognosis.
4. Identify lymphatic channels for each site.
5. Identify radiation dosage and describe the radiobiological responses associated with each anatomical site.
6. Discuss the rationale behind each treatment technique.
7. Demonstrate the basic treatment technique for each anatomical site.

VIII. REQUIRED TEXT

Washington, C. and Leaver, D. (2016). *Principles and practice of radiation therapy* (4th ed.). St. Louis, MO: Mosby Co. ISBN 978-0-323-28752-4

Alcamo, I. and Krumhardt, B. (2004). *Anatomy and physiology the easy way* (3rd ed.). Barron's Educational Services. ISBN 13:978-0-7641-1979-8

IX. GRADING FORMAT

A = 93 – 100

B = 84 – 92

C = 75 - 83

F = 74 and below

X. METHOD OF EVALUATION

Anatomy Tutorials	10%
Tests	65%
Comprehensive Final Exam	25%

XI. ACADEMIC HONESTY

This course will follow the VWCC Student Conduct policy found in the online VWCC Student Handbook under the “VWCC Course Policies” tab. If a student is found cheating on any assignment, test, or quiz a grade of “F” will be awarded

XII. CLASS EXPECTATIONS

Students are expected to be prompt and will not be given credit for attending class if entering ten minutes after class has started. No makeup tests will be given unless a legitimate written excuse; i.e. illness or prior notification is provided. Grades will be modified for late or missed assignments.

MAKE UP/LATE WORK POLICY

Submit assignments ON TIME. As responsible learners, you need to manage your learning schedules and finish all assignments on time. Assignments submitted past the stated due date will be lowered one letter grade per day late. A grade of “0” will be given for any assignment not turned in.

TESTS MUST BE TAKEN ON TIME

Make-up tests will NOT be given unless the student can document an extraordinary circumstance that prevents the taking of the test within the available timeframe.

XIII. INCLEMENT WEATHER

In the event of a college closing due to inclement weather on a testing day, the deadline for taking the test will be extended 24 hours or an additional day when the college re-opens.

College inclement weather link:

<http://www.virginiawestern.edu/about/inclementweather.php>

Students should try to take tests/exams before the deadline. In the case of inclement weather which closes the student learning center, the instructor will extend the deadline the number of days that the learning center was closed. In the case of extreme weather, the instructor will work with the student to make suitable arrangements.

XIV. STUDENT RESOURCES

Additional student resources are available under the Student Resources tab on Blackboard.

XV. INSTRUCTOR

Brenda Greenway BS, R.T. (R) (T)

Email: bgreenway@virginiawestern.edu

Office Location: The Fralin Center-HP 222

Office Hours: Mondays 9am-12, 1pm-4:30 and Tuesdays 1pm-4:30

The Instructor will respond to any email sent by the student within 72 hours.