

Virginia Western Community College
COURSE SYLLABUS

I. **COURSE TITLE** INTRODUCTION TO SECTIONAL ANATOMY

II. **COURSE PREFIX/NUMBER** ROC 151

III. **CREDIT HOURS** 2

IV. **CONTACT HOURS** 30

V. **COURSE PREREQUISITES** ROC 110, ROC 120, ROC 121

III COURSE DESCRIPTION

Introduces the study of basic anatomic structures and pathologies through digital concepts of medical imaging with emphasis on principles and practices of Radiation Oncology and diagnostic Radiography

IV. COURSE OBJECTIVES

- Use films, diagrams, and models, identify anatomy in the cross-sectional plane
- Describe the relative position of normal anatomical structures within the head, neck, spine, chest, abdomen, pelvis, and the extremities on digital images
- Describe and be able to identify common pathologies within the head, neck, spine, chest, abdomen, pelvis, and the extremities on digital images
- Identify common variant and pathological processes of the head, chest, abdomen and spine on CT images so that they can be optimal images and described to a dosimetrist or radiation oncologist

IV. REQUIRED TEXTS

Kelly & Peterson. (2013). Sectional anatomy for imaging professionals (4th ed.). Missouri: Mosby Elsevier. ISBN 13: 9780323414876

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

Pocket Atlas of Normal CT Anatomy of the Head and Brain (Radiology Pocket Atlas Series Michelle M. Smith MD (Author), Timothy L. Smith MD MPH (Author) 2nd Edition ISBN- 13: 9780781729499

Pocket Atlas of Body CT Anatomy (Radiology Pocket Atlas Series) W. Richard Webb (Author) and Michael B. Gotway MD (Author) 2nd Edition ISBN-13: 978-0781736633

V. GRADING FORMAT

A = 93 – 100

B = 85 – 92

C = 77 – 84

F = 76 and below

Course Grading Policies:

1. **Tests:** Students will have five (5) tests during the semester. Tests must be taken in the testing center. The tests will be placed on Canvas. **Tests must be opened using Firefox.** The test will become available on Canvas Monday at 12:00 pm and will remain available through Saturday.
2. **Testing:** If you cannot take the tests in the VWCC or MEC testing centers, you must contact me and let me know where you will be taking it and submit the appropriate proctoring forms. 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.
3. **Final Exam:** There is a comprehensive final exam. The final exam will be taken in the testing center. If you cannot take the exam in the VWCC or MEC testing centers, you must contact me and let me know where you will be taking it and submit the appropriate proctoring forms.
4. **Homework:** Homework will be posted following each lecture. Submit assignments ON TIME. It is due by the following Monday **before class.** **NO late homework will be accepted**
5. If the Zoom backgrounds being used in class become distracting to the course material, the instructor reserves the right to require the entire class to use a blank background or a Virginia Western background. The instructor may also require students to use their real name or the name listed in SIS in Zoom.

VI. METHOD OF EVALUATION

Method of Evaluation

Attendance 10%

Homework 15%

Tests 50%

Final exam 25%

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VII. INSTRUCTOR

Leslie Watson, B.B.A., R.T.(R)(T), CPC-A

Email: Lwatson@viriniawestern.edu

Office Locations: HP 239

Office Hours: Tuesday and Thursday 10:15 – 10:45 and 3:30 – 4:00. These are the only days I am on campus, but I will be happy to meet with you after class. If needed, I will be more than happy to

schedule a time to meet via Zoom. I will check my emails daily. Do not hesitate to ask any questions that you may have. I will respond to emails received within 48 hours.
Cell Phone: 434-250-0035

VIII. 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 “0” will be awarded

IX. CLASS EXPECTATIONS

Students are expected to be prompt and should be logged into Zoom five minutes before scheduled lecture. Students should participate in class discussions. Cameras are not required, but students should have audio capabilities. Attendance will be taken each week and contributes to the final grade. When the number of unexcused absences reaches a sum equivalent to 30 percent of the total instructional time (total of 4 classes), the instructor will drop the student from the course.

XI. INCLEMENT WEATHER

In the event of inclement weather, lecture will be held as scheduled. If you cannot attend, a recording will be posted.

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.

College inclement weather link: VWCC Inclement Weather Policy [VWCC Inclement Weather Policy](#)

XII. 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.

XIII. AI USAGE

For the duration of this course, the use of Generative AI in assignments is strictly prohibited. Assignments are opportunities for personal growth, critical thinking, and applying your acquired knowledge. Your individual effort and creativity are essential in

demonstrating your understanding of the course material. Dependence on AI undermines these objectives and compromises the integrity of the learning process. We appreciate your commitment to academic honesty and dedication to upholding this course's principles by refraining from using Generative AI in your assignments.

Please refer to Part 2 in this syllabus module for information regarding Disability Services.