

Virginia Western Community College

ROC 244

Professional Seminar

Prerequisites

All Radiation Oncology Core Courses

Course Description

Designed to correlate all major Radiation Oncology subject areas in preparation for national certification.

Semester Credits: 3

Lecture Hours: 3

Lab/Clinical/Internship Hours: 0

Required Materials

Textbook:

Levy, Leia (2011). *Mosby's Radiation Therapy Study Guide and Exam Review*. Elsevier Inc., ISBN: 978-0-323-06934-2

Vann, A. M., Arazie, J., Sutton, M. (2010). *Radiation therapy essentials board preparation tool*. RadOnc Publications. ISBN: 978-0-615-41665-6

Internet access required

ASRT 1 year student membership - Go to www.asrt.org and sign up for a student membership. (\$35)

Course Outcomes

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

1. Correlate previously learned concepts.
2. Apply test-taking skills in preparation for the certification exam.

Topical Description

Course Outline:

Class Time	Reading	Assignments & Due Dates
Introduction/Class Expectations/Pathways ARRT Video-Ethics	Mosby's-Chapter 1 2021 ARRT Radiation Therapy Handbook-pgs. 5-13 (located under Course Documents tab in BB)	Review for Patient Care Unit
Patient Care/Education *Patient Care Quiz	Mosby's Chapter 8 (be sure to review questions at the end of the chapter) Radiation Therapy Essentials pgs. 84-108	Complete Mosby's Patient Care Study Session-submit 10 missed questions from the session
Mock Exam 1-Patient Care	No Class	Complete Exam 1 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Treatment Delivery ARRT Video-Applying for Certification	Mosby's Chapter 7 (review questions at the end of the chapter) 2021 ARRT Radiation Therapy Handbook pgs. 6-36	Complete Mosby's Treatment Delivery Study Session -submit 10 missed questions from the exam
Treatment Delivery *Treatment Delivery Quiz	Washington & Leaver-Chapters 7 & 8 Radiation Therapy Essentials pgs. 106-115, 138-162	Review the first 75 questions in the back of the Radiation Therapy Essentials Book-no work to be turned in
Mock Exam 2-Treatment Delivery	No Class	Complete Exam 2 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
ASRT-Staging Study Tool Clinical Concepts-Pathology ARRT Video-CQR	Mosby's Chapter 2 (review questions at the end of the chapter) Radiation Therapy Essentials pgs. 8-45	Complete Mosby's Clinical Concepts Study Session-submit 10 missed questions from the exam
Clinical Concepts-Pathology *Clinical Concepts Quiz	Mosby's Chapter 9 (review questions at the end of the chapter)	Review Questions 76-150 in the back of the Radiation Therapy Essentials Book-no work to be turned in
Mock Exam 3-Clinical Concepts/Pathology	Interviewing and Resume Skills	Complete Exam 3 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Radiation Protection & Quality Improvement	Mosby's Chapters 5 & 6 (review questions at the end of the chapters) Radiation Therapy Essentials pgs. 56-72	Complete Mosby's Radiation Protection and QA Study Session-submit 10 missed questions from the exam
Radiobiology & Physics ASRT Module-Radiobiology & Physics	Mosby's Chapter 3 & 4 (review questions at the end of the chapters)	Review Questions 180-220 in the back of the Radiation Therapy Essentials Book-no work to be turned in

ARRT Video-What to Expect on the Exam Day Radiation *Protection/QI/Radiobiology/Physics Quiz	Radiation Therapy Essentials pgs. 48-51, 74-82 2021 ARRT Radiation Therapy Handbook pgs. 37-56	
Mock Exam 4-Radiation Protection/QI/Radiobiology/Physics	No Class	Complete Exam 4 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Treatment Planning ARRT Video-Exam Security *Treatment Planning Quiz	Mosby's Chapter 7 (review questions at the end of the chapter) Radiation Therapy Essentials pgs. 106 &107, 116-137, 161-167	Complete Mosby's Treatment Planning Study Session-submit 10 missed questions from the exam Review Questions 151-179 in the back of the Radiation Therapy Essentials Book-no work to be turned in
Mock Exam 5	No Class	Complete Exam 5 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Final Mock Exam		Review the Mosby's Exam Session to help prepare for the final exam

Assignments:

- Due on Mock Exam days (on campus)
- Reading Assignments
- Review Mosby's Study Session (accessed online) for each topic
 - Write down/copy/print **10** question that you missed and give a reference where correct answer can be found
- Answer questions and turn in answer sheet to the end of chapter questions in Mosby's
- Answer take home mock exams (either hardcopy or Canvas)
- Prepare a resume
- Take Mosby's Exam Session and print results to turn in