

RDTH 290C : Clinical Practice III

Provides sequential development, application, analysis, integration, synthesis, and evaluation of concepts and theories in radiation therapy. Through structured sequential assignments in clinical facilities, concepts of team practice, patient-centered clinical practice, and professional development will be discussed, examined, and evaluated. All students enrolled in this course will be charged a \$500 per semester clinical surcharge.

Credits 5

Lab/Practicum/Clinical Hours 24

Lecture Hours 0

Prerequisite Courses

RDTH 190C

RDTH 195C

Learning Outcomes

- Perform simulation, localization, and therapeutic radiation therapy procedures in accordance with national patient safety standards.
- Deliver patient-centered care.
- Demonstrate the principles of radiation protection.
- Construct and prepare immobilization, beam alignment, and beam modification devices.
- Evaluate and verify treatment plan prior to treatment delivery.
- Demonstrate appropriate and effective written, oral, and nonverbal communication with patients and other members of the healthcare team.
- Execute approved treatment plan in accordance with prescription.
- Assess patient side effects and complications to create and interdisciplinary management strategy that fosters prevention, healing and comfort.
- Perform quality assurance procedures for all treatment delivery equipment, accessories, and treatment room doors.