



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

RDT 3220 Principles & Practice of Radiation Therapy II 4 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Examine neoplastic disease
 - a. Explore the epidemiology, etiology, prevention/screening methods, detection, diagnosis, staging, treatment and prognosis of neoplastic disease
 - b. Relate neoplastic disease to histology, anatomical site and patterns of spread.
 - c. Identify dose limiting structures and their tolerance to disease.
2. Investigate multidisciplinary emerging approaches for neoplastic disease management.
3. Research pediatric cancers and the unique challenges of treating pediatric patients.
4. Explore the role of Radiation Therapy in the management of AIDS related neoplasms.
5. Examine the simulation, localization and treatment process.
 - a. Implement the principles and practice of simulation
 - b. Properly use simulation equipment
 - c. Complete a simulated treatment setup
 - d. Analyze treatment images in relation to simulation images.

Big Ideas and Essential Questions

Big Ideas

- Simulation, localization and treatment
- Neoplastic Disease

Essential Questions

1. Why is it important to understand the neoplastic disease process?
2. How does the planning process impact the treatment plan?
3. How does proper planning and treatment affect patient outcomes?
4. What is the impact of the radiation therapist scope of practice and the practice standards on my job as a radiation therapist?

These SLOs are not approved for experiential credit.

Effective: Spring 2019