

RDTH 215C : Sectional Anatomy and Pathology

Studies normal sectional anatomy via diagrams and radiologic images. The pathology content is broken into two parts: general pathology and neoplasia. General pathology introduces basic disease concepts, theories of disease causation, and system-by-system pathophysiologic disorders most frequently encountered in clinical practice. Neoplasia provides an in-depth study of new and abnormal development of cells. The processes involved in the development and classification of both benign and malignant tumors and site-specific information on malignant tumors is presented.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Prerequisite Courses

BIOL 195C

Co-Requisite Courses

BIOL 196C

Learning Outcomes

- Identify the pros and cons, image formation and image orientation of CT, MR, PET, and ultrasound.
- Identify and discuss the use of topographic anatomy and sectional anatomy with regard to radiation oncology, of the head and neck, chest, abdomen, pelvis, spine, and extremities.
- Identify basic structures and common abnormalities.
- Discuss pathology in relation to cancer presence in the head, neck, chest, abdomen, pelvis, spine, and extremities.