

# RADT 209C : Pathology and Cross-Sectional Anatomy

Introduces concepts related to disease with etiological considerations. Included in this course is the understanding of how the disease process works and recognizing the radiographic appearance of specific diseases. Gross anatomical structures will be located and identified in axial (transverse), sagittal, coronal, and orthogonal (oblique) planes.

**Credits** 3

**Lab/Practicum/Clinical Hours** 0

**Lecture Hours** 3

**Co-Requisite Courses**

RADT 295C

**Learning Outcomes**

- Differentiate pathologic conditions affecting the respiratory system, skeletal system, gastrointestinal system, urinary system, nervous system, endocrine system, and reproductive system.
- Explain the changes in technical factors required for obtaining optimal quality radiographs in patients with various underlying pathologic conditions.
- Discuss the stages of disease: pathological, traumatic, surgical, healing, complications, and genetic versus heredity.
- Classify the more common disease in terms of their attenuation of x-rays.