

RADT 132R: Principles of Radiographic Exposure, Image Acquisition & Processing

This course comprises the study of all concepts associated with the nature, production and exposure of x-rays, image acquisition and processing. It will present CR/DR image acquisition. DICOM standards will be discussed. PACS system of storage and transfer will be presented. Manipulation of various exposure factors and choices of equipment uses will be explored. The student will develop knowledge and skills necessary to recognize and evaluate quantitative and qualitative factors in clinical radiographs.

Credits: 3

Lecture Hours: 3

Prerequisites:

MATH 110R

RADT 101R

Courses can be pre- or co- requisite.

Program: [Radiologic Technology](#)