

RADT 430 Principles of Radiographic Image Production

RADT 430 PRINCIPLES OF RADIOGRAPHIC IMAGE PRODUCTION

This course covers the application of the theoretical physics of x-ray production, as well as the practical job of producing quality radiographs with the least possible dose to the patient. Included in this course is a thorough exploration of the major and minor technical factors, including mAs, kVp, distance, and filtration. In addition, there is an analysis of image quality, and methods for correcting improperly exposed radiographs. *Letter Grade Only. Degree Credit.*

Units: 3.5

Hours/semester: 48-54 Lecture; 24-27 Lab; 96-108 Homework

Prerequisites: PHYS 405

Transfer Credit: CSU

