

# RADT 435 Imaging Equipment and Quality Control

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## **RADT 435 IMAGING EQUIPMENT AND QUALITY CONTROL**

This course provides the student with an introduction to the various types of equipment and tests required to organize and implement a program of quality control in diagnostic imaging. It includes topics such as: radiation output measurements, filtration, linearity, reproducibility, automatic exposure control (AEC) analysis, alignment, kilovolt peak (kVp) and milliampereseconds (mAs) and accuracy. *Letter Grade Only. Degree Credit.*

**Units:** 1.5

**Hours/semester:** 16-18 Lecture; 24-27 Lab; 32-36 Homework

**Prerequisites:** RADT 430 or licensed radiologic technologist

**Transfer Credit:** CSU

