PHYS 405 Applied Radiographic Physics

PHYS 405 APPLIED RADIOGRAPHIC PHYSICS

Introduction to the basic ideas about matter, energy, electricity, magnetism, and electromagnetic radiation, with emphasis on X-ray phenomena. Applications to the interaction of radiation with matter and X-ray circuits are included. This course is required for students pursuing careers as Radiologic Technologists. Letter Grade Only. Degree Credit.

Units: 3

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

Prerequisites: MATH 110 or equivalent and CHEM 192 or CHEM 410 or equivalent.

Recommended: Eligibility for ENGL 100.

AA/AS Degree Requirements: Area B1

Transfer Credit: CSU (CSU GE Area B1)