

# PHYS 405 Applied Radiographic Physics

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## **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:** Successful completion of Elementary Algebra or equivalent, or placement by other measures as applicable, 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)

