

RADX108 : Radiologic Physics

Course topics include standard units of measurement and mechanics, fundamentals of atomic structure, principles of electricity and electromagnetism as it relates to the x-ray circuit and equipment and the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Concept practice session included in this course include but are not limited to atomic theory, electromagnetic spectrum, x-ray circuit, and radioactivity and radioactive decay.

Credits 2

Lecture Hours 2

Lab/Clinical/Field Study Hours 0

Prerequisite Courses

RADX104: Clinical Radiography I

Corequisites

RADX105, RADX106, RADX107, RADX109

Semester Offered

Spring