
RAD135 : Radiologic Physics

Content establishes a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. The content also establishes a knowledge base in radiographic, fluoroscopic, and mobile equipment requirements and design and provides a basic knowledge of quality control. This course is designed to provide entry-level radiography students with an introduction to and basic understanding of the operation of a computed tomography (CT) device and other imaging modalities. However, content is not intended to result in clinical competency.

Credits	3
Clock Hours	40
Lab Hours	20
Lecture Hours	20
Prerequisites	MAT101