HSC450: Radiographic Physics I
A Radiologic Technology Partnership Program Course

Number of Credits: 2 credit hours
Day/Time: See course schedule
Prerequisites: Admittance to hospital partner program

Instructor Information & Office Hours:
Refer to the clinical program partner for detailed information

Carroll University Advisor:
Lucy Glaser, M.Ed
Heath and Medical Sciences Articulation and Post-Baccalaureate Programs Advisor
Office: 331 Voorhees
Phone: 262.524.7435
Email: jglaser@carrollu.edu

Course Description:
This is a two-credit course. Course content is designed to establish 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. Introduction will include magnetism, electricity, and electromagnetism. Evaluation will be on the basis of unit tests and a final exam.

Required & Recommended Texts:
Refer to the clinical program partner for a more detailed syllabus copy

Course Objectives:
Refer to the clinical program partner for a more detailed syllabus copy

Measurable Student Learning Objectives:
Refer to the clinical program partner for a more detailed syllabus copy

Description of How Course Fits in Broader Field:
Refer to the clinical program partner for a more detailed syllabus copy

Evaluation Tools:
Refer to the clinical program partner for a more detailed syllabus copy

Attendance Policy & Student Responsibilities:
Refer to the clinical program partner for a more detailed syllabus copy

The instructor and the University reserve the right to modify, amend or change the syllabus (course requirements, grading policy, etc.) as the curriculum and/or program require(s).

Last Revised 2016
Accommodations for Disabilities: Students with disabilities who may need accommodations or any student considering obtaining documents should make an appointment with the Walter Young Center (262-524-7621) no later than the first week of class.

Statement on Academic Integrity: The Carroll University Academic Integrity Policy is located in the student handbook - https://my.carrollu.edu/ICS/Departments/Student_Affairs/. Please familiarize yourself with it. Carroll University emphasizes that students have an obligation to conduct their academic work with honesty and integrity. All acts of academic misconduct are serious. If you have any questions about appropriate citations, please ask.