RADIOLOGIC SCIENCES (RST)

RST 1000 Introduction to Patient Care for Radiologic Sciences (2 Credits)
This course is designed to provide an orientation to patient care and the basic principles of radiation protection for the radiologic sciences professions. Patient assessment, patient care, venipuncture, medical terminology, and student success strategies will be presented. Students must pass this course with a grade of C or higher in order to remain in their designated program.
Prerequisites: Acceptance into the Gateway Campus Nuclear Medicine Technology, Radiation Therapy or Radiography program
Previous: Legacy Equivalent(s): RST* 100

RST 1000L Introduction to Patient Care for Radiologic Sciences Lab (1 Credits)
This course is offered in conjunction with the Introduction to Patient Care in the Radiologic Sciences course. Through hands on lab practice, students will learn appropriate patient care techniques, radiation safety and venipuncture. Students will be assessed through hands on lab practice and must pass a lab practical exam in order to begin the clinical component of their designated program. A minimum grade of C is required to begin the program.
Previous: Legacy Equivalent(s): RST* 100L

RST 1005 Radiologic Science Physics (3 Credits)
Content is designed to establish a basic knowledge of physics pertinent to developing an understanding of radiations used in the clinical setting. Fundamental physical units, measurements, principles, atomic structure, and types of radiation are emphasized. Also presented are the fundamentals of x-ray generating equipment, x-ray production and its interaction with matter.
Prerequisites: Program Admission
Corequisite: RADT 1195
Previous: Legacy Equivalent(s): RDT* 105

RST 1021 Radiological Science Patient Care (3 Credits)
Introduction to the field of Radiologic Sciences to include specialties in the field, professional organizations, other professionals comprising the health care team, communication skills, critical thinking and problem solving, body mechanics, vital signs and infection control procedures. As part of this course, students will participate in a minimum of one community service project. Students will learn medical terminology in a body systems approach.
Prerequisites: Acceptance to a Radiologic Science program.

RST 2000 Cross Sectional Anatomy (3 Credits)
This course focuses on the physical relationships between anatomic structures. During the course the student will review basic structures and work to develop a three-dimensional understanding of anatomy. Computer generated sectional images (CT, MRI, US) are used to reinforce the relational anatomy in multiple planes (sagittal, axial, coronal). The student will study both boney and soft tissue structures, with an emphasis on the natural boundaries and spaces of the body. To demonstrate the application of this knowledge selected pathology is included as supplemental information.
Prerequisites: BIO 2112
Previous: Legacy Equivalent(s): RST* 200