RADIOLOGIC TECHNOLOGY (2760)

2760:141 Anatomy & Positioning I (3 Credits)
Prerequisites: 2780:106, 2780:107, and admission to the program. Radiographic anatomy and positioning of skeletal systems, including introductory cross-sectional anatomy. Identification of correct & incorrect positioning including remedies.

2760:142 Anatomy & Positioning II (3 Credits)
Prerequisite: 2760:141. Radiographic anatomy and positioning of various body systems in all planes, including cross-sectional anatomy. Identification of correct & incorrect positioning, including remedies.

2760:141 Methods of Patient Care I (2 Credits)
Prerequisite: Admission to the program. Covers basic radiologic patient care and professionalism issues. Includes surgical aseptic training for performing radiographic images in the operating room.

2760:142 Methods of Patient Care II (1 Credit)
Prerequisite: 2760:151. Addresses patient care considerations for medical emergencies, patients receiving contrast media, alternative medical treatments. Overview of pharmacology and drug administration.

2760:161 Radiologic Physics and Principles I (3 Credits)
Prerequisites: 2780:106, 2780:107, and admission to the program. Orientation to radiologic sciences. Introduction to systems of measurement, physics, electromagnetism, and components of the x-ray tube. Also includes electricity, radiation physics, and radiation protection.

2760:162 Radiologic Physics and Principles II (3 Credits)
Prerequisite: 2760:161. Discussion of radiologic factors involved in producing quality radiographs. Review of various radiographic components and their influences on photographic technique. Includes quality assurance testing. Sequential.

2760:171 Clinic Class I (1 Credit)
Prerequisite: Admission to the program. Corequisite: 2760:181. Review of the clinical site-specific radiographic positioning of the skeletal system. Also includes mobile & surgical radiography.

2760:172 Clinic Class II (1 Credit)

2760:171 Clinical I (3 Credits)
Prerequisite: Admission to the program. Hands-on application of didactic anatomy & positioning lessons in learning how to image the skeletal system. Includes mobile & surgical radiography.

2760:172 Clinical II (3 Credits)
Prerequisite: 2760:181. Hands-on application of didactic anatomy & positioning lessons in learning how to image the various body systems. Includes mobile & surgical radiography.

2760:192 Radiobiology (2 Credits)

2760:221 Clinical Experience (0 Credits)
Prerequisite: Admission to the Radiologic Technology program. Off-campus clinical course. May be repeated as needed.