



## Courses Descriptions

**ALHE 3900 - Transition into Professional Radiologic sciences.** (2 hours) Provides framework for transition for the registered radiologic technologist. Explores current professional issues in radiologic sciences. Prerequisites: completion of general education courses in the Radiologic Sciences curriculum.

**ALHE 3840 - Advanced Patient Care and Assessment.** (3 Hours) The knowledge and techniques of physical basic assessment for patients throughout the lifespan. Concepts of basic level pharmacology and EKG procedures.

**RADS 3910 - Sectional Anatomy.** (2 hours) Presentation of human anatomy and pathology through the use of computerized tomography, ultrasound and magnetic resonance imaging films.

**ALHE 4520 - Research in Healthcare.** (3 hours) Foundations of research in healthcare, including its definition and characteristics, purposes, quantitative and qualitative methodologies, ethical considerations, and relationship to the health care of individuals, families, groups, and communities.

**ALHE 4600 - Leadership Challenges for Professional Radiographers.** (4 hours) Content is designed to provide the skills and knowledge necessary for the radiologic professional to provide leadership in workplace performance and professional development to promote efficient and effective patient care.

**ALHE 4610 - Introduction to Healthcare Quality.** (3 hours) This course will define healthcare quality and the quality characteristics expected in high-performing healthcare organizations. A study of how healthcare quality is measured, assessed and improved will be covered.

**ALHE 4630 - Healthcare Management.** (3 hours) An introduction to application of theories of leadership, change, and management to promote effective healthcare to individuals, families, and communities.

**RADS 4710 - Special Imaging.** (3 hours) This course will provide an overview of theoretical principles in advanced imaging modalities including Computed Tomography, Magnetic Resonance Imaging and Mammography. Patient care, imaging procedures, physics, data processing, instrumentation and applications in CT, MRI, and Mammography will be discussed.

**ALHE 4900 - Directed Study.** (6 hours) Supervised directed study in selected topics in the radiologic sciences for the registered technologist. May be repeated for credit when topic varies. Prerequisite: approval of the program director.