

RADIOLOGIC TECHNOLOGY ADVANCED PLACEMENT (RTAP)

Courses

RTAP 221. Patient Care and Education. 1 Unit.

Presents an overview of legal issues in radiologic technology. Legal topics include: informed consent, confidentiality, patient rights, civil liability, legal doctrines, and standards of ethics. Provides an understanding of professional communication skills needed to succeed as an entry-level radiographer. Other topics covered include: infection control, contrast media, patient transfers, and medical emergencies.

RTAP 255. Radiographic Procedures. 2 Units.

Introduces students to various radiographic procedures and anatomy, patient positioning, geometric factors, exposure techniques, and patient shielding.

RTAP 283. Equipment Operation and Quality Control. 1 Unit.

Provides a background for understanding the physics of man-made radiation production. Addresses the interaction of radiation with matter for both radiation protection and the creation of radiographic images. Covers the electrical circuit of radiation equipment.

RTAP 284. Radiation Protection. 1 Unit.

Provides a background for understanding the physics of man-made radiation production. Addresses the interaction of radiation with matter for both radiation protection and the creation of radiographic images. Covers the electrical circuit of radiation equipment.

RTAP 287. Image Production and Evaluation. 2 Units.

Provides instruction in the principles of radiographic theory and technique. Covers the physical factors involved in imaging processing, as well as techniques for obtaining the optimum radiography under any situation. Examines the role of image-intensified fluoroscopy in radiology. Provides instruction in the use of digital imaging technology in radiology, including: digital imaging equipment, picture archival and communications systems, radiology information systems, hospital information systems, and various other radiology-related applications. Focuses advanced techniques on operation, quality assurance, and radiation safety.

RTAP 295. Advanced Placement Comprehensive Review. 1 Unit.

Reviews major content areas emphasized on certification examinations. Student evaluation and performance analysis. Time provided to review, organize study materials, and take simulated registry examinations. Final programmatic mock registry exit examination assessed.

RTAP 971. Clinical Affiliation. 2 Units.

Students gain hands-on experience in basic patient care, radiographic procedures and positioning, radiation protection, radiographic exposure and techniques, critical thinking, problem solving, and patient and health care team communication.

RTAP 972. Clinical Affiliation. 2 Units.

Students gain hands-on experience in basic patient care, radiographic procedures and positioning, radiation protection, radiographic exposure and techniques, critical thinking, problem solving, and patient and health care team communication.

RTAP 973. Clinical Affiliation. 2 Units.

Students gain hands-on experience in basic patient care, radiographic procedures and positioning, radiation protection, radiographic exposure and techniques, critical thinking, problem solving, and patient and health-care team communication.