

# RADIATION TECHNOLOGY ADVANCED MEDICAL IMAGING (RTAM)

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## Courses

### **RTAM 401. Advanced Clinical. 5 Units.**

Advanced clinical experience in selected areas of professional practice, such as orthopedic radiography, fluoroscopy, trauma, C-arm operation, and pediatrics.

### **RTAM 402. Advanced Clinical. 10 Units.**

Advanced clinical experience in selected areas of professional practice, such as orthopedic radiography, fluoroscopy, trauma, C-arm operation, and pediatrics.

### **RTAM 403. Advanced Clinical. 10 Units.**

Advanced clinical experience in selected areas of professional practice, such as orthopedic radiography, fluoroscopy, trauma, C-arm operation, and pediatrics.

### **RTAM 404. Advanced Clinical. 10 Units.**

Advanced clinical experience in selected areas of professional practice, such as orthopedic radiography, fluoroscopy, trauma, C-arm operation, and pediatrics.

### **RTAM 405. Advanced Clinical. 2 Units.**

Advanced clinical experience in selected areas of professional practice, such as orthopedic radiography, fluoroscopy, trauma, C-arm operation, and pediatrics.

### **RTAM 454. Advanced Patient Care. 3 Units.**

Addresses patient care topics, such as trauma and medical emergencies, patient assessment, and pharmacology.

### **RTAM 458. Advanced Imaging Procedures. 3 Units.**

Introduces students to various imaging procedures and modalities including: anatomy, patient positioning, geometric factors, and radiation protection beyond the level of a basic medical radiographer.

### **RTAM 464. Pathology. 3 Units.**

Reviews pathologic processes most commonly found in imaging modalities.

### **RTAM 468. Advanced Imaging Principles. 3 Units.**

Provides advanced instruction in the use of digital imaging technology in radiology modalities, including new and emerging technologies and other radiology-related applications.

### **RTAM 474. Patient Education and Evidence-Based Medicine. 3 Units.**

Introduces clinical pathways, multidisciplinary clinical practice, and a focus on quality and coordination of care. Includes relationship-centered patient care, effective communication, and patient education.

### **RTAM 478. Introduction to Computed Tomography. 3 Units.**

Introduces basic concepts related to computed tomography (CT), including: patient care, communication, principles, and procedures.