RED ROCKS COMMUNITY COLLEGE

Radiologic Technology Degrees and Certificates

Fall 2011 – Summer 2012

Degree: Associate of Applied Science

Certificates:

Computed Tomography (CT)
Magnetic Resonance Imaging (MRI)
Mammography
Bone Densitometry

AAS Degree

Radiologic Technology

The Radiologic Technology Program is designed to provide medical diagnostic radiography training for students who wish to establish eligibility to participate in the national certification examination of the American Registry of Radiologic Technologists. Graduates who pass this national certifying examination are qualified to assume diagnostic radiographer positions in thousands of medical facilities across the nation, both in hospitals and private clinics or offices. After gaining on-the-job experience, you may be allowed to participate in advanced level examinations, such as computed tomography, magnetic resonance imaging, or mammography. The radiography program is also an entry-level program for advanced imaging modalities, such as ultrasound, nuclear medicine, and radiation therapy.

You must complete 16 or more credits of general education course work, as well as HPR 178 prior to applying. When enrolled in the clinical internship courses, students spend 30 to 34 hours per week at a healthcare facility. Students can expect to rotate through a variety of shifts on weekdays and weekend, during the day, at night, or overnight.

Please visit the Medical Imaging Web site www.rrcc.edu/radiology or contact an academic advisor 303.914.6034 for more information on the application process. Information sessions for the Radiologic Technology Program are held regularly throughout the year.

Prerequisite Courses:			**Credits**
HPR	178	Medical Terminology	2
Required Courses			**Credits**
RTE	101	Introduction to Radiology	2
RTE	111	Patient Care	2
RTE	121	Radiologic Procedures I	3
RTE	131	Radiographic Pathology and Image Evaluation I	1.5
RTE	141	Radiographic Equipment and Imaging I	3
RTE	181	Clinical Internship I (Additional fees)	5
RTE	122	Radiologic Procedures II	3
RTE	132	Radiographic Pathology & Image Evaluation II	1.5
RTE	142	Radiographic Equipment and Imaging II	3
RTE	182	Clinical Internship II	5
RTE	183	Clinical Internship III	7
RTE	221	Advanced Medical Imaging	3
RTE	231	Radiation Biology/Protection	2
RTE	281	Clinical Internship IV	8
RTE	282	Clinical Internship V	8
RTE	289	Registry Review (Capstone)	3
Recommended General Education Courses:			**16**
English			
ENG 121 or equivalent			3
Mathematics			
MAT 107 or higher equivalent			3
Social and Behavior Science			
PSY 235 or any PSY or SOC equivalent			3
Physical and Life Sciences			
BIO 106 or equivalent			4
Communication			
COM 115, or COM 125, or equivalent			3
Total Credits			**76**

Certificates:

For more information regarding these courses, please contact the program office at 303.914.6034.

Advanced education and training courses are available for individuals currently certified by the American Registry of Radiologic Technologists (ARRT) in the following specialties:

Certificate

Computed Tomography (CT)

Required Courses			**Credits**
RTE	240	Principles of CT Imaging	3
RTE	255	Multiplanar Sectional Imaging	2
RTE	284	Advanced Clinical	10
Total credits			**15**

Certificate

Magnetic Resonance Imaging (MRI)

Required Courses			**Credits**
RTE	260	Magnetic Resonance Imaging	3
RTE	255	Multiplanar Sectional Imaging	2
RTE	284	Advanced Clinical	10
Total credits			**15**

Certificate

Mammography

Required Courses			**Credits**
RTE	250	Mammography	3
RTE	284	Advanced Clinical	10
Total credits			**13**

Certificate

Bone Densitometry

Required Courses			**Credits**
RTE	256	Bone Densitometry	2
RTE	284	Advanced Clinical	10
Total credits			**12**