



RADIOGRAPHY

Health Sciences

PROGRAM OVERVIEW

The Radiography curriculum prepares the graduate to be a radiographer, a skilled health care professional who uses radiation to produce images of the human body.

Course work includes clinical rotations to area health care facilities, whereby students experience radiographic exposure, image processing, radiographic procedures, physics, pathology, patient care and management, radiation protection, quality assurance, anatomy and physiology, and radiobiology.

Graduates of accredited programs are eligible to take the national examination for certification and registration administered by the American Registry of Radiologic Technologists. Successfully passing this exam certifies the individual as a Registered Technologist in Radiography, RT(R) ARRT. Graduates may be employed in hospitals, clinics, physicians' offices, medical laboratories, government agencies, and industry.

PROGRAM HIGHLIGHTS

Southwestern's Radiography program is a well-established 21 month program, where graduates earn an Associate's Degree in Applied Sciences and are eligible to sit for the American Registry of Radiologic Technology, the national certification exam.

The program is taught by highly-qualified faculty, who are dedicated to student achievement and academic success. Additionally, some members of the faculty continue to work as Radiologic Technologists in the local hospital and healthcare system.

WHY SOUTHWESTERN

- Quality - Highly qualified faculty use up-to-date teaching methodologies and state-of-the-industry equipment in their instruction. Southwestern's Radiography program has been awarded re-accreditation for eight years by JRCERT.
- Experience - Radiography students complete clinical rotations at numerous healthcare centers throughout Western North Carolina. Students are prepared through comprehensive instruction for the ARRT certification exam.
- Class Size - With the acceptance of 16 students in the program each fall, you will experience small classes with individual attention from instructors.
- Career Placement - 100% employment for last year's students who sought work in the field.
- Career Advancement - Becoming a RT(R) opens doors to further advancement in the imaging field such as sonography, nuclear medicine, CT and MRI.

AFTER GRADUATION

Upon successful completion of this program, students will be prepared for a career in radiologic technology. Employment may be found in hospitals, outpatient clinics or physician's offices. Students can specialize in different imaging modalities such as CT, MRI or mammography or continue their education in sonography, nuclear medicine, radiation therapy or obtain a four-year degree.

EMPLOYMENT OPPORTUNITIES EXIST AS A:

- Radiographer
- Administrator
- Bone Densitometrist
- Computed Tomography Technologist
- Educator
- Interventional Technologist
- Mammographer
- Magnetic Resonance Imaging (MRI)
- Technologist
- Nuclear Medicine Technologist
- Radiation Therapist
- Sales Representative

TOP RECENT EMPLOYERS

- Angel Medical Center
- Haywood Regional Medical Center
- Murphy Medical Center
- PHS Cherokee Indian Hospital
- Smokey Mountain Healthcare
- Westcare Health System
- Numerous other healthcare institutions throughout Western North Carolina and Northern Georgia

NC STATE ESTIMATED ENTRY WAGE

\$39,968 - \$52,649

* Information found through the North Carolina Occupational Employment & Wages 2010

PROGRAM CONTACT INFORMATION

Health Sciences Division

1.800.447.4091 ext. 305

828.339.4305

Admissions Office

1.800.447.4091 ext. 352

828.339.4352

Fax: 828.586.3129

www.southwesterncc.edu

ASSOCIATE IN APPLIED SCIENCE DEGREE (AAS)

A45700

FALL SEMESTER 1

<u>Prefix</u>	<u>Number</u>	<u>Title</u>	<u>Class</u>	<u>Lab</u>	<u>Clinical</u>	<u>Credit</u>
BIO	163	Basic Anatomy & Physiology	4	2	0	5
ENG	111	Expository Writing	3	0	0	3
RAD	110	Radiography Intro & Patient Care	2	3	0	3
RAD	111	RAD Procedures I	3	3	0	4
RAD	151	RAD Clinical Education I	0	0	6	2
RAD	181	RAD Clinical Elective	<u>0</u>	<u>0</u>	<u>3</u>	<u>1</u>
		Totals	12	8	9	18

SPRING SEMESTER 1

ENG	114	Professional Research and Reporting	3	0	0	3
MAT	110	Mathematical Measurement	2	2	0	3
RAD	112	RAD Procedures II	3	3	0	4
RAD	121	Radiographic Imaging I	2	3	0	3
RAD	161	RAD Clinical Education II	<u>0</u>	<u>0</u>	<u>15</u>	<u>5</u>
		Totals	10	8	15	18

SUMMER SEMESTER 1

CIS	111	Basic PC Literacy	1	2	0	2
RAD	122	Radiographic Imaging II	1	3	0	2
RAD	131	Radiographic Physics I	1	3	0	2
RAD	171	RAD Clinical Education III	<u>0</u>	<u>0</u>	<u>12</u>	<u>4</u>
		Totals	3	8	12	10

FALL SEMESTER 2

PSY	150	General Psychology	3	0	0	3
RAD	211	RAD Procedures III	2	3	0	3
RAD	231	Radiographic Physics II	1	3	0	2
RAD	241	Radiobiology/Protection	2	0	0	2
RAD	251	RAD Clinical Education IV	<u>0</u>	<u>0</u>	<u>21</u>	<u>7</u>
		Totals	8	6	21	17

SPRING SEMESTER 2

RAD	245	Radiographic Quality Management	1	3	0	2
RAD	261	RAD Clinical Education V	0	0	21	7
RAD	271	Radiography Capstone	0	3	0	1
***	***	Humanities Elective	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
		Totals	4	6	21	13

Total Semester Hour Credits: 76

FACULTY

Kim Argo

kargo@southwesterncc.edu

(828) 339.4000 or (800) 447.4091, ext. 4359

Meg Rollins Petty

mpetty@southwesterncc.edu

(828) 339.4000 or (800) 447.4091, ext. 4320