

# Radiography

Associate in Applied Science Degree in Radiography

## PROGRAM COORDINATOR

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## PROGRAM DETAILS

*The Radiography program at Somerset Community College prepares the graduate to become a radiographer and offers training for administering ionizing radiation for medical diagnostic imaging purposes. Graduates are prepared to take the American Registry of Radiologic Technology Examination. The curriculum is comprised of specialized courses in radiography along with concentrated studies in the basic sciences, mathematics and general education.*

*Specifics about this program include:*

- Five semester program
- Leads to Associate in Applied Science Degree (AAS)
- Radiography coursework
- Theory/skills presented in lecture/lab format
- Clinical Component: community agencies providing clinical services
- Selective admissions/limited enrollment



## CAREERS

Radiographers may find positions in hospitals, health clinics, and physicians' offices.

## EXPENSES & FINANCIAL ASSISTANCE

In addition to tuition, students are responsible for transportation to the various clinical sites, professional liability insurance, books, markers, and uniforms. Any student seeking financial assistance should contact the Financial Aid Office on the Somerset Campus or Laurel Campus.

## PROGRAM MISSION STATEMENT

*The mission of the SCC Radiography Program is to provide a quality affordable education in the field of radiologic technology. Using theory and performance-based instruction, the program's faculty strives to provide an educational environment which equips the student with the entry level skills and professionalism of a radiographer, as well as strengthening critical thinking, problem solving, and communication skills.*

*Program Goals:*

1. The student will develop the clinical competence of an entry level radiographer.
2. The student will exhibit critical thinking and problem-solving skills.
3. Students will communicate effectively.
4. The student will demonstrate professional growth and development.

## CREDENTIALS:

ASSOCIATE IN APPLIED SCIENCE DEGREE:  
AAS in Radiography (68 credit hours)

## TECHNICAL STANDARDS

- Adequate visual acuity
- Adequate auditory perception
- Sufficient strength, gross motor and fine motor coordination
- Sufficient verbal and written communication skills

## ADDITIONAL CRITERIA

Upon admittance the student must submit the following materials prior to beginning clinical experiences:

- Evidence of receiving the Hepatitis B vaccine series or a vaccine declination form
- TB skin test
- Immunizations records
- Background check and drug screening

## PROGRAM OUTCOMES

As part of the program's accreditation, the program must conduct ongoing outcomes assessments. A complete copy of the outcomes assessment is available on the Radiography page at somerset.kctcs.edu. Outcomes of particular interest to the potential applicant include:

- 5-year average program completion rate of 75%
- 5-year average ARRT first attempt pass rate of 96%
- 5-year average job placement rate (within 12 months) of 98%
- 5-year average graduate satisfaction rate of 100%
- 5-year average employer satisfaction rate of 97%





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somerset.kctcs.edu

## REQUIRED COURSES

### GENERAL EDUCATION REQUIREMENTS (20 HOURS)

		Credit	Grade
_____	Social Interaction	3	_____
_____	Heritage or Humanities	3	_____
ENG 101	Writing 1	3	_____
MAT 150	College Algebra OR	3	_____
_____	Higher Level Mathematics Course	(3)	_____
BIO 137	Human Anatomy & Physiology I	4	_____
BIO 139	Human Anatomy & Physiology II	4	_____

### TECHNICAL COURSES (48 Hours)

DMI 102	Medical Terminology for Radiographers	1	_____
DMI 106	Patient Care & Ethics in Radiography	3	_____
DMI 108	Radiographic Procedures I	4	_____
DMI 110	Practicum in Radiography I	1	_____
DMI 114	X-ray Prod, Exposure & Image Acquisition	4	_____
DMI 115	Pharmacology for Radiographers	2	_____
DMI 118	Radiographic Procedures II	4	_____
DMI 120	Practicum in Radiography II	2	_____
DMI 128	Radiographic Procedures III	3	_____
DMI 130	Practicum in Radiography III	2	_____
DMI 214	Radiographic Equipment & Quality Control	4	_____
DMI 220	Practicum in Radiography IV	4	_____
DMI 222	Image Analysis	2	_____
DMI 224	Radiation Biology & Protection	2	_____
DMI 226	Radiographic Anatomy & Pathology	3	_____
DMI 228	Seminars in Radiography	3	_____
DMI 230	Practicum in Radiography V	4	_____

TOTAL HOURS FOR PROGRAM – 68

## SEMESTER COURSE LISTING

Class (Alternative) Credit

### PREREQUISITES (7 HOURS)

BIO 137	(_____)	_____
MAT 150	(_____)	_____

### SEMESTER ONE (16 HOURS)

DMI 102	(_____)	_____
DMI 106	(_____)	_____
DMI 108	(_____)	_____
DMI 114	(_____)	_____
BIO 137	(_____)	_____

### SEMESTER TWO (13 HOURS)

DMI 110	(_____)	_____
DMI 115	(_____)	_____
DMI 118	(_____)	_____
DMI 128	(_____)	_____
ENG 101	(_____)	_____

### SEMESTER THREE (4)

DMI 120	(_____)	_____
DMI 130	(_____)	_____

### SEMESTER FOUR (15)

DMI 214	(_____)	_____
DMI 220	(_____)	_____
DMI 222	(_____)	_____
DMI 224	(_____)	_____
Heritage/Humanities	(_____)	_____

### SEMESTER FIVE (13)

DMI 226	(_____)	_____
DMI 228	(_____)	_____
DMI 230	(_____)	_____
Social Interaction	(_____)	_____

TOTAL HOURS FOR PROGRAM – 68

STUDENT \_\_\_\_\_ ID NO. \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ ADVISOR \_\_\_\_\_