Radiography
Associate in Applied Science Degree in Radiography

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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

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
• Flu vaccination

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 professionalism.

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 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 73%
• 5-year average ARRT first attempt pass rate of 97%
• 5-year average job placement rate (within 12 months) of 100%
• 5-year average graduate satisfaction rate of 100%
• 5-year average employer satisfaction rate of 100%
## REQUIRED COURSES

### GENERAL EDUCATION REQUIREMENTS (20 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Social Interaction</td>
<td>3</td>
</tr>
<tr>
<td>Heritage or Humanities</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101 Writing 1</td>
<td>3</td>
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<tr>
<td>MAT 150 College Algebra OR</td>
<td>3</td>
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<tr>
<td>Higher Level Mathematics Course</td>
<td>(3)</td>
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<tr>
<td>BIO 137 Human Anatomy &amp; Physiology I</td>
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<tr>
<td>BIO 139 Human Anatomy &amp; Physiology II</td>
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### TECHNICAL COURSES (48 Hours)

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>DMI 102</td>
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<tr>
<td>DMI 106</td>
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</tr>
<tr>
<td>DMI 108</td>
<td>4</td>
</tr>
<tr>
<td>DMI 110</td>
<td>1</td>
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<td>DMI 114</td>
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<tr>
<td>DMI 115</td>
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<tr>
<td>DMI 118</td>
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<tr>
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<tr>
<td>DMI 128</td>
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</tr>
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<td>DMI 226</td>
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<td>DMI 228</td>
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<td>DMI 230</td>
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**TOTAL HOURS FOR PROGRAM – 68**

## SEMESTER COURSE LISTING

### 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**

Notes:

Revised: 07/2019

KCTCS is an equal educational and employment opportunity institution.