

# RADIOLOGIC TECHNOLOGY, A.S.

## Overview

General Education requirements and prerequisite courses related to the radiology program are required to graduate from the Radiologic Technology Program. In addition to the general education and prerequisite courses, 64 units of the Radiology Program Curriculum must be completed to earn an Associate of Science Degree in Radiology. See counselor for recommended vocational and academic courses.

AS.RAD

## Program Map

### Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (<https://msjc.emsicc.com/?radius=&region=All%20Regions>) opportunities. Program maps show the recommended course sequence that leads to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

## MSJC General Education Option A

Fall Semester 1		Units
ANAT-101	Human Anatomy & Physiology I	4
MATH-105	College Algebra (or any College Level Math numbered 100 or above.)	4
ENGL-101	College Composition	3
CSCR-100	College Success and Career Readiness	3
<b>Units</b>		<b>14</b>

Spring Semester 1		Units
ANAT-102	Human Anatomy & Physiology II	4
PS-101	Introduction to American Government and Politics	3
AH-105	Medical Terminology	3
COMM-103 or COMM-100	Interpersonal Communication or Public Speaking	3
Select one of the following:		3
PS/ETHS-103	Ethnic Politics in America	
HIST/ETHS-160	Black History in the American Context	
LIT/ETHS-240	American Indian Literature (formerly ENGL-240)	
LIT/ETHS-275	Latinx/Chicanx Literature	
LIT/ETHS-280	Multiethnic Literature (formerly ENGL-280)	
<b>Units</b>		<b>16</b>

Summer 1		Units
SPAN-101 or ASL-100	Elementary Spanish I or American Sign Language I	4
PSYC-101	Introduction to Psychology	3
<b>Units</b>		<b>7</b>

Fall Semester 2		
RAD-510	Radiology Physics & Imaging Techniques	4
RAD-515	Radiographic Positioning I	6
RAD-520	Patient Care & Medical Ethics for Radiographers	3
<b>Units</b>		<b>13</b>

Spring Semester 2		
RAD-525	Radiology Externship	7
RAD-530	Radiographic Positioning II	6
RAD-535	Special Procedures & Venipuncture	2
RAD-540	Radiobiology	2
<b>Units</b>		<b>17</b>

Summer 2		
RAD-645	Radiology Internship I	6
RAD-650	Radiography Review I	1
<b>Units</b>		<b>7</b>

Fall Semester 3		
RAD-655	Radiology Internship II	12.5
RAD-660	Radiography Review II	1
<b>Units</b>		<b>13.5</b>

Spring Semester 3		
RAD-665	Radiology Internship III	12.5
RAD-670	Radiography Review III	1
<b>Units</b>		<b>13.5</b>

**Total Units 101**

## Requirements

Completion of prerequisite courses required for the Radiologic Technology Program (may include GE courses).

Minimum cumulative college level GPA of 2.5 on 4.0 scale with a grade of "C" or better in the following courses:

Course	Title	Credits
<b>Prerequisites</b>		
AH-105	Medical Terminology	3
ANAT-101	Human Anatomy & Physiology I	4
ANAT-102	Human Anatomy & Physiology II	4
COMM-103 or COMM-100	Interpersonal Communication Public Speaking	3
MATH-105	College Algebra	3-4
or any College Level Math numbered 100 or higher		
<b>Total Units</b>		<b>17-18</b>

Course	Title	Credits
<b>Requirements</b>		
RAD-510	Radiology Physics & Imaging Techniques	4
RAD-515	Radiographic Positioning I	6
RAD-520	Patient Care & Medical Ethics for Radiographers	3
RAD-525	Radiology Externship	7
RAD-530	Radiographic Positioning II	6
RAD-535	Special Procedures & Venipuncture	2
RAD-540	Radiobiology	2

RAD-645	Radiology Internship I	6
RAD-650	Radiography Review I	1
RAD-655	Radiology Internship II	12.5
RAD-660	Radiography Review II	1
RAD-665	Radiology Internship III	12.5
RAD-670	Radiography Review III	1
<b>Total Units</b>		<b>64</b>

Course	Title	Credits
MSJC General Education Option A ( <a href="https://catalog.msjc.edu/degrees-certificates-curricula/general-education-option-a/">https://catalog.msjc.edu/degrees-certificates-curricula/general-education-option-a/</a> )		24
<b>Program Prerequisites</b>		<b>14</b>
<b>Required Radiologic Technology Courses</b>		<b>64</b>

## Career Exploration

Discover information about careers that interest you!

1. Take a **Career Quiz** (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available **in-demand jobs** (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the **MSJC Program** (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.