The Mammography certificate program at Mt. SAC is a two semester certificate program available to current Mt. SAC Radiologic Technology (RT) program students. The program provides a complete educational experience for those RT students who wish to expand their skills into the study in the theory and practice of mammography.
**Program Mission**

The mission of the Mammography Program at Mt. San Antonio Community College is to prepare the student to become a competent entry level Mammographer. The students will be provided with a comprehensive curriculum in the study and clinical practice of Mammography that addresses evolving technical skills, communication, and critical thinking. It is our goal to provide students with the necessary clinical and academic experiences to enable them to successfully complete the California state certification exam in Mammographic Radiologic Technology and to help prepare them for the ARRT Mammography certification exam.

The Mammography Program's mission is consistent with the College's mission in that it supports students in achieving their full educational potential in an environment of academic excellence.

**Program Goals**

1. To provide educational experiences that prepares students/graduates to enter the health care community as Mammographers
   - Program curriculum will be up to date with current California state certification educational requirements, ARRT educational requirements, and ASRT Mammography curriculum
   - Clinical experience will be in compliance with California state law
   - Program faculty will be qualified and meet requirements to maintain ARRT credentialing
   - Program curriculum will maintain clinical affiliations enabling the student to become competent entry-level Mammographers

2. To prepare clinically competent entry-level Mammographers
   - Students will develop workforce readiness skills
   - Students will apply accurate positioning skills and provide appropriate patient care
   - Students will select optimal technical factors
   - Students will utilize appropriate radiation protection and ALARA principles
   - Students will demonstrate academic and technical competence as an entry-level Mammographer.

3. To develop Mammographers who utilize exceptional communication skills
   - Students will communicate effectively with patients, clinical staff and peers
   - Students will demonstrate effective written and verbal communication skills in didactic and clinical settings
4. To train Mammographers to use critical thinking and problem solving skills to perform job related functions
   - Students will use critical thinking skills in both routine and non-routine clinical situations
   - Students will adapt standard procedures for non-routine patients
   - Students will analyze images to determine diagnostic quality and make modifications as needed

5. To develop Mammographers who perform mammographic procedures professionally and compassionately
   - Students will exhibit professional work ethic, behavior and attitude
   - Students will abide by the ASRT code of ethics
   - Students will provide compassionate patient care
   - Students will use professional judgement when working with patients and others

6. To encourage students/graduates to invest in continued personal and professional growth
   - Students will identify the advantage of belonging to professional organizations
   - Students will understand the need for continued professional development and growth
   - Students will participate in professional development activities

7. To meet the employment demands of the medical community
   - Students will pass the California state certification exam in Mammographic Radiologic Technology
   - Students will secure employment as a Mammographer within one year of program completion
Program Overview

The Mammography certificate program at Mt. SAC is a two semester certificate program available to current Mt. SAC Radiologic Technology (RT) program students. The program provides a complete educational experience for those RT students who wish to expand their skills into the study in the theory and practice of mammography. Students will have the opportunity to learn and develop competence in patient care, communication skills, critical thinking, and technical skills that will prepare the student to become a competent entry level Mammographer.

The program curriculum is designed to meet the mammography educational training requirements set forth by the FDA Mammography Quality Standards Act (MQSA), the California Department of Public Health Services- Radiologic Health Branch (RHB), and the American Registry of Radiologic Technologists (ARRT). The educational standards established by the American Society of Radiologic Technologists (ASRT) are also incorporated into the curriculum. Educational activities include lecture, laboratory activities, and hands-on clinical training at a clinical site.

The program includes:

- MQSA and RHB 40 hours of documented training specific to mammography requirement
- ARRT 16 hour structured education requirement & content specifications for the mammography examination
- Eight hours of digital mammography training
- MQSA hands-on clinical experience requirement (25 supervised mammograms)
- Course work in breast anatomy/physiology, patient care, mammography procedures, positioning, compression, interventional procedures, imaging of patients with breast implants, pathology, image evaluation, instrumentation, technique, physics, and quality assurance/quality control

All didactic courses will be offered on campus. Clinical training will be conducted at affiliated healthcare institutions (days and times will vary depending on clinical education site).

Upon completion of the program, the student receives a certificate of completion from Mt. San Antonio College. Once the graduate is certified as a Diagnostic CA Radiologic Technologists (CRT’s), the graduate will be eligible to sit for the CA state certification in Mammographic Radiologic Technology examination. In addition, the program will prepare the student for the ARRT Mammography certification exam.
Course Information

Required: A grade of 78% (C) or better in all RAD courses is required for all students.

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<th>Course</th>
<th>Description</th>
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<th>Schedule</th>
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<td>Mammography Principles and Procedures</td>
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<td>Spring Semester (12 weeks)</td>
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<td>Total</td>
<td>semester credit hours in program</td>
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For more information about the Mammography Certificate Program, contact Yen Hang at yhang@mtsac.edu

Admission Requirements

The Mammography Certificate Program has special admission requirements and limited enrollment. Applicants are responsible for ensuring that all admission requirements below are met, and all documents are submitted on time. Only complete application files will be reviewed for admission. Students must follow program curriculum as defined at the time of acceptance to the program.

1. Applicant must be currently enrolled as a second year student in Mt. SAC’s Radiologic Technology Program
2. Submit a current copy of CPR card with program application
   a. CPR card must be American Heart Association: BLS Healthcare Provider, valid 2 years
3. Submit a copy of RT competency ruler providing evidence of the following:
   a. Competency in 30/40 mandatory procedures
   b. Competency in 4/9 elective procedures
4. Complete health physical, background check, and other clinical site requirements (if applicable)
5. Complete an application. Applications are available on the Mt. SAC Mammography Program web site.
6. Deliver your completed application, copy of CPR card, copy of RT ruler, and clinical requirements via email to Yen Hang at yhang@mtsac.edu. Applications may also be dropped off at the Allied Health Programs Office (Bldg. 67A/145, 909-274-4963).
7. The application window is between Oct 1st – Oct 31st. Only applications submitted with completed supporting documentation (see 2, 3, & 4 above) will be considered.
Role of the Mammographer

Mammographers are highly-trained professionals who work with specialized x-ray equipment to produce diagnostic images of the breast which assist the radiologist in diagnosing breast cancer and other pathologies. Mammographers work closely with patients to provide quality care while performing various specialized breast-imaging studies. Professional duties include operating sophisticated equipment, performing breast imaging procedures, recording a patient’s clinical history, preparing patients for procedures, evaluating breast images for technical quality, assisting with interventional procedures, observing radiation protection measures, and participating in quality assurance procedures.

Employment Outlook

According to the U.S. Bureau of Labor Statistics, employment of Radiologic Technologists is projected to grow 9 percent from 2014 to 2024, faster than the average for all occupations. As the population grows and ages, there will be an increase in medical conditions which will increase demand for diagnostic imaging. In addition, federal health legislation will expand the number of patients who have access to health insurance, increasing patient access to medical care. A technologist with an associate's degree in Radiologic Science can move into a career at a hospital, healthcare clinic, or managed-care facility and earn a comfortable living. Others can obtain additional certification and training (such as Mammography) to advance their careers or to move into another specialty.

“Breast cancer is the second leading cause of cancer death in women, exceeded only by lung cancer. The chance that breast cancer will be responsible for a woman's death is about 1 in 36 (about 3%).” Most doctors feel that early detection tests for breast cancer save many thousands of lives each year. In recent years, increased awareness and the need for early detection of tumors and other abnormalities in the breast has increased the need for individuals with Mammography certification.


ARRT Requirements

https://www.arrt.org/Certification/Mammography

FDA Mammography Quality Standards Act (MQSA) Requirements (see subpart B)

http://www.fda.gov/Radiation-EmittingProducts/MammographyQualityStandardsActandProgram/Regulations/ucm110906.htm

California State Certification In Mammographic Radiologic Technology Application

http://www.cdph.ca.gov/pubsforms/forms/CtrlIdForms/cdph8200m.pdf

Clinical Placement Policy

This policy addresses placement of students in clinical mammography rotations to observe and/or perform breast imaging.

Under this policy, all students, male and female, will be offered the opportunity to participate in clinical mammography rotations. The program will make every effort to place a male student in a clinical mammography rotation if requested; however, the program is not in a position to override clinical setting policies that restrict clinical experiences in mammography to female students. Male students are advised that placement in a mammography rotation is not guaranteed and is subject to the availability of a clinical setting that allows males to participate in mammographic imaging procedures. The program will not deny female students the opportunity to participate in mammography rotations if clinical settings are not available to provide the same opportunity to male students.

The Clinical Placement Policy is based on the sound rationale presented in a position statement on student clinical mammography rotations adopted by the Board of Directors of the Joint Review Committee on Education in Radiologic Technology (JRCERT) at its April 2016 meeting. The JRCERT position statement is included as Addendum A to the program’s policy and is available on the JRCERT Web site, www.jrcert.org, Programs & Faculty, Program Resources.
Mammography Certificate Program

Admissions Application

The Mammography Certificate Program is an advanced imaging certificate. Applicants must be currently registered as second year students in Mt. SAC’s Radiologic Technology Program, and have a current CPR card, and have demonstrated competency in a minimum number of RT clinical competencies to be eligible for admission (see #3 below). In addition, clinical sites may have additional pre-admission requirements that each student would be responsible for completing prior to clinical placement.

Directions

1. Complete the reverse side of this form

2. Submit a current copy of CPR card with program application
   a. CPR care must be American Heart Association: BLS Healthcare Provider, valid 2 years

3. Submit a copy of RT competency ruler providing evidence of the following:
   a. Competency in 30/40 mandatory procedures
   b. Competency in 4/9 elective procedures

4. Complete health physical, background check, and other clinical site requirements (if applicable)

5. Send your completed application, including supporting documentation, via email to Yen Hang at yhang@mtsac.edu. Applications may also be delivered to the Allied Health Programs Office (Bldg. 67A/145, 909-274-4963).

The application window is between Oct 1st – Oct 31st. Only applications submitted with completed supporting documentation (see 2, 3, & 4 above) will be considered.
Personal Information:

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<tr>
<th>Mt. SAC Student ID No.</th>
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Name of RT Program Home Base Facility (if applicable)

(circle one)

Are you currently enrolled as a second year student in Mt. SAC’s Radiologic Technology Program?

Y  N

Have you completed the minimum RT competencies below?

Y  N

(submit copy of RT ruler with application)

a. Competency in 30/40 mandatory procedures
b. Competency in 4/9 elective procedures

Do you have a current CPR (BLS) card?

Y  N

(submit copy with application)

Signature: ___________________________  Date: ___________________