

# Mammography Certificate

Program Number: 80-526-1

## Advanced Technical Certificate

Health-Related Professions Program Cluster

School of Health Education

Program offered at Downtown Madison Campus

For information call: (608) 246-6065 or (608) 258-2478  
(800) 322-6282 Ext. 6065 or 2478

## About the Program

The mammographer is a registered radiologic technologist who produces radiographic images of the breast. Duties include: obtaining a thorough patient history, providing a specific explanation of the mammographic procedure, providing information and/or demonstrating the procedure of self breast examination, positioning of the patient to obtain proper projection and a quality mammographic image, making exposure factor selections, processing the image, storing and retrieving images, performing quality assurance tests and maintaining a quality control program to meet the standards of the Mammography Quality Standards Act (MQSA) and American College of Radiology (ACR).

This course provides the student with ample opportunity to meet the ARRT requirements to enable the student to write the mammography certification examination. Students will be involved in screening, diagnostic and interventional procedures. Students will review mammographic images with radiologists to gain experience in evaluating radiographic technique, breast anatomy, pathology and to gain an appreciation for the importance of good positioning techniques.

Technologists who complete the Advanced Technical Certificate in Mammography will meet the requirements of the MQSA and will be eligible to sit for the American Registry of Radiologic Technologists (ARRT) certification examination in mammography (the technologist must have been a R.T.R. for at least 12 months before one is eligible to write the mammography certification examination).

### Requirements for the Advanced Technical Certificate in Mammography

1) A registered radiologic technologist; 2) a student radiographer enrolled in an accredited radiography program in their second year, second semester.

### Requirements for Clinical Placement

1) A completed Caregiver Background Check (CBC) if required by clinical affiliation; refer to the Madison College Website for Health Human and Protective Services Policy; 2) a completed Personal History Form if required for clinical affiliation.

## Curriculum

Courses	Credits	Hrs/week	
		Lec	Lab
10-526-185 Mammographic Instrumentation and Quality Assurance .....	3	3	0
10-526-186 Mammographic Positioning and Anatomy .....	3	3	0
10-526-187 Clinical Mammography .....	3	0	12
<b>Total</b>	<b>9</b>		

## Courses

### 10-526-185 Mammographic Instrumentation and Quality Assurance

3 credits

Provides the student with the foundational concepts of mammographic equipment and quality assurance testing. This course will include types and functions, factors that govern and influence image production and recording, and quality control equipment. The student will gain the knowledge to construct a quality assurance program for a mammography program following the ACR and MQSA guidelines. Offered online only.

### 10-526-186 Mammographic Positioning and Anatomy

3 credits

Provides the fundamentals of mammography positioning. The course will include breast anatomy and physiology, pathology and treatment of breast disease, and interventional procedures. Course content will emphasize the importance of establishing a positive relationship with the patient, addressing their psychological needs and providing patient information related to the procedure. Offered as a combination online and traditional class.

### 10-526-187 Clinical Mammography

3 credits

Provides the student with the clinical experience required to become competent in performing mammographic procedures, mammographic film critique and time to perform required quality control testing. Upon course completion, the student will be competent in completing the entire examination from request and chart review, to patient screening, explaining the procedure to the patient, positioning the patient, using required accessories, setting the equipment, making a correct exposure, processing the film, completing paperwork, using the computer to store patient data and maintaining quality control.

### Career Potential:

- Mammographer

More detailed and updated information on this program may be available at: [madisoncollege.org](http://madisoncollege.org). The college reserves the right to make changes in the regulations and courses announced in this publication without notice.

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