

MAMMOGRAPHY (MAM)

MAM 2001 Principles of Mammography (4 Credits)

This course will review basic patient care and radiation protection. This course will introduce students with radiography backgrounds to the basic principles behind breast imaging (patient care, instrumentation, anatomy and physiology, technique and evaluation). This course will teach students to operate and utilize digital and conventional mammography equipment to produce images of patients' breast tissue. This course will prepare graduates to possess the knowledge, skill, and affect to meet the demands of an entry level-position as a mammographer. Theory presented will prepare and qualify students to participate in the ARRT Mammography certification examination.

Prerequisites: Admission to the Mammography Program and must be an American Registry of Radiologic Technologists (ARRT) certified/registered Radiographer OR Permission of the Middlesex Campus Program Coordinator.

Corequisite: MAM 2094

Previous: Legacy Equivalent(s): MAM* 201

MAM 2094 Mammography Clinical Experience (4 Credits)

This course will introduce students with radiography backgrounds to the basic principles behind breast imaging (patient care, instrumentation, anatomy and physiology, radiation protection, technique and evaluation). Upon successful completion of the course, the student will be competent in completing the entire mammographic procedure from request through quality control (QC). A minimum of 240 contact hours of supervised instruction is required. Students must perform 75 mammographic examinations (screening and/or diagnostic) in addition to the 25 examinations that are required by the initial Mammography Quality Standards Act (MQSA) mammography requirements. All examinations must be performed on patients (not phantom or simulations). Clinical experience and completion of required examinations will prepare and qualify students to sit for the ARRT Mammography certification examination.

Prerequisites: Admission to the Mammography Program and must be an American Registry of Radiologic Technologists (ARRT) certified/registered Radiographer OR Permission of the Middlesex Campus Program Coordinator.

Corequisite: MAM 2001

Previous: Legacy Equivalent(s): MAM* 202