

**MONTGOMERY COUNTY GOVERNMENT
ROCKVILLE, MARYLAND
CLASS SPECIFICATION**

**Code No. 202420
Grade 17**

RADIOLOGIC TECHNOLOGIST

DEFINITION OF CLASS:

This is radiological technologist work involving the taking and processing of radiographs of individuals in accordance with accepted medical standards, methods, guidelines, and procedures. Contacts include patients and their families, health clinics, nursing home patients, hospitals, prisoners, clinic staff members, and outside physicians for the purpose of obtaining background information on the patient's medical history and/or condition. Work involves reviewing and evaluating computer generated information to determine if images are satisfactory for diagnostic purposes. The employee provides immediate and short-term public service and assistance on a daily, recurring basis.

The employee in this class is independently responsible for applying knowledge, skills and ability necessary to perform all aspects of radiologic technologist work. A significant proportion of the radiologic computer images being taken are for the screening of tuberculosis. The impact of properly performed work assists in the diagnosis, treatment and control of contagious diseases and other physical conditions which might otherwise go undetected. Work is reviewed by clinic physicians for quality of computer generated images and adherence to established policies and procedures. Verbal and written communication skills are required to convey and explain technical and factual information. The complexity of the work involves applying established procedural guidelines and techniques required to accomplish the work and adherence to operational procedures and safety regulations in the use of radiologic imaging equipment to produce images of the body for diagnostic purposes. Work is performed under the general supervision of a higher level supervisor in a radiologic laboratory and dark room in a health clinic environment which imposes some discomfort and unpleasantness, e.g., exposure to chemicals and noxious fumes and exposure to infection and contagious disease. Employees are expected to exercise discretion within an established range, and consult with the supervisor when established alternatives are not available. Work requires employees to stand for long periods of time and lift objects weighing up to twenty (20) pounds. Employee may be required to position and immobilize patients on examining tables which requires the wearing of protective clothing. Employees are required to position radiographic imaging equipment and adjust controls to set exposure time and distance, according to specifications of the examination.

EXAMPLES OF DUTIES: (Illustrative Only)

- Takes chest, lumbar spine and conducts special radiological procedures requested by clinic and private physicians according to standard procedures.
- Develops and evaluates radiological images for technical quality and clarity of images before combining them with medical records for review by radiologists.
- Establishes and maintains comprehensive digital radiological and x-ray files and catalog systems, discarding old films and digital images.
- Archives films and digital radiology images.
- Prepares and maintains digital image computer equipment to ensure proper working order and reports equipment malfunctions to the proper authority.
- Completes preventive maintenance requirements; maintains inventory and orders radiology supplies

and equipment.

- Maintains technological knowledge and appropriate certifications.
- Follows infection control policies and procedures to maintain a safe and clean working environment.
- Interviews patients for previous history of tuberculosis.
- Compiles and records statistical data on digital radiology image results and treatments.
- Performs related duties as required.

KNOWLEDGE, SKILLS AND ABILITIES:

- Knowledge of operating procedures, standard practices and materials associated with radiology digital equipment and technology, including positioning patients properly for the exposure, adjusting equipment, and processing computer images.
- Knowledge of safety precautions and regulations as it relates to patients and other personnel in the radiology area.
- Ability to evaluate digital images for technical quality and readable clarity.
- Ability to position patients and radiographic equipment and adjust controls to produce appropriate density and provide comfort during procedures.
- Ability to create and maintain extensive digital image files.
- Ability to obtain and maintain required certifications.
- Ability to stand for long periods of time and lift objects weighing up to twenty (20) pounds.
- Ability to deal patiently, courteously and tactfully with people.

MINIMUM QUALIFICATIONS:

Experience: None.

Education: Completion of high school or High School Certificate of completion recognized in the State of Maryland and successful completion of a medical radiation technology program approved by the Committee on Allied Health Education and Accreditation of the American Medical Association.

Equivalency: None.

License: Licensed as a certified Medical Radiation Technologist as outlined by the State Board of Physician Quality Assurance; **certified radiation operator license from the American Registry of Radiologist Technologist (ARRT)**; and, possession and maintenance at all times of a valid Class "C" (or equivalent) driver's license from the applicant's state of residence when required for job-related duties.

PROBATIONARY PERIOD:

Individuals appointed to a position in this class will be required to serve a probationary period of six (6) months, during which time performance will be carefully evaluated. Continuation in this class will be contingent upon successful completion of the probationary period.

MEDICAL EXAM PROTOCOL: Limited Core Exam.

Class Established: July, 1973

Revised: June, 1977

June, 1986

April, 1992 (M)

April, 2010

August, 2013

June, 2014 (M)