



Radiological Technologist

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
RADIOLOGICAL TECHNOLOGIST I	4292	B16	\$40,918 - \$61,130
RADIOLOGICAL TECHNOLOGIST II	4293	B18	\$45,521 - \$71,055
RADIOLOGICAL TECHNOLOGIST III	4294	B20	\$51,158 - \$81,351

GENERAL DESCRIPTION

Performs radiological work by performing and coordinating a variety of diagnostic x-ray and ultrasound procedures to obtain and record interpretable diagnostic information for medical staff.

EXAMPLES OF WORK PERFORMED

Operates radiological, magnetic imaging, and ultrasound equipment to produce images of the body for diagnostic purposes.

Coordinates with nursing and medical staff to ensure that appropriate preparatory procedures are performed.

Positions patients for scans, x-rays, and other diagnostic procedures.

Reviews developed x-rays, ultrasounds, sonograms, or computer-generated images to determine whether images are satisfactory for diagnostic purposes.

Uses radiation safety measures and protection devices to comply with policies and regulations, and to ensure the safety of patients and staff.

Records and maintains patient data and treatment records.

Schedules patients for routine and specialized radiographic studies.

Cleans, repairs, maintains, and makes minor adjustments to instruments and equipment.

Performs related work as assigned.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level III may also perform work listed within the previous levels.

Note: Factors that may distinguish between the journey and senior levels include the degree of independence in performing the work; the complexity of the work; the scope of responsibility; and the employee's related work experience, education, and certifications. Employees at the journey levels may independently perform the full range of work identified within current or previous levels and may assist others performing work of greater complexity. Senior-level employees may perform the full range of work identified in the levels preceding their own, and/or may coordinate or oversee that work for others.

RADIOLOGICAL TECHNOLOGIST I: Performs entry-level to routine (journey-level) radiological work. Works under close supervision, with minimal latitude for the use of initiative and independent judgment.

RADIOLOGICAL TECHNOLOGIST II: Performs complex (journey-level) radiological work. Works under general supervision, with moderate latitude for the use of initiative and independent judgment. Employees at this level may:

- Prepare reports. Perform fluoroscopic and specialized radiographic procedures.

RADIOLOGICAL TECHNOLOGIST III: Performs advanced (senior-level) radiological work. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Perform screening and diagnostic mammography procedures.
- Review and evaluate patient data, treatment records, developed x-rays, ultrasounds, sonograms, or computer-generated images for quality assurance purposes.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in radiological technology work. Graduation from a standard senior high school or equivalent is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

- Knowledge of the techniques and principles of radiography, sonography, and mammography; anatomy and physiology as they pertain to patient positioning in radiology; ultrasound examination procedures; and the generation and control of x-radiation as it relates to the techniques and principles of radiography.
- Skill in the operation and care of x-ray machines, ultrasound equipment, and related equipment; in administering injections and solutions; in the interpretation of x-ray tube rating and cooling charts; and in the use of a computer and applicable software.
- Ability to maintain records and to communicate effectively.

Additional for Radiological Technologist III level

- Ability to supervise the work of others.

REGISTRATION, CERTIFICATION, OR LICENSURE

May require certification as a medical radiological technologist.