

**COUNTY OF SOLANO**  
**RADIOLOGIC TECHNOLOGIST**

**DEFINITION**

Performs radiologic examinations and conducts a variety of tests used in medical diagnosis and treatment.

**CLASS CHARACTERISTICS**

This single position class is characterized by the unique responsibility for conducting a variety of tests used for clinical/medical assessment including X-rays, electrocardiograms, vision tests and audiometer exams. The incumbent provides services to patients of the Outpatient Clinic and works independently under general medical direction.

**SUPERVISION RECEIVED AND EXERCISED**

Receives general direction from the Medical Director.

**EXAMPLES OF DUTIES** –*Duties may include but are not limited to the following:*

Interprets physicians orders, sets up and operates the x-ray equipment positioning the patient correctly and selects the proper exposure techniques; develops, fixes and dries x-ray films checking them for quality; sorts developed x-ray films for reading by Clinic Physician or radiologist.

Performs vision screening and audiometric testing; sets up and takes electrocardiograms.

Establishes and maintains record-keeping systems for each testing procedure; distributes test results and reports in accordance with applicable clinic procedures; prepares routine narrative and/or statistical reports of work activity; transcribes radiology reports.

Orders all supplies used in testing procedures; troubleshoots machinery malfunctions and oversees equipment repair and maintenance.

Trains and schedules work for extra-help employees used to assist and provide relief for x-ray function; assists in transportation, clerical and clinical operations as needed.

Maintains professional knowledge in applicable areas and keeps abreast of changes in job-related rules, statutes, laws and new business trends; makes recommendations for the implementation of changes; reads and interprets professional literature; attends training programs, workshops and

seminars as appropriate.

## **JOB RELATED AND ESSENTIAL QUALIFICATIONS**

### **Knowledge of:**

Methods and techniques of diagnostic radiography including positioning patients, adjusting and operating equipment.

Developing and processing x-ray film.

Anatomy as related to radiographic work.

Occupational hazards and safety precautions of radiographic work.

Care of radiographic equipment; clinic and support operations.

Record-keeping practices.

Medical terminology.

Techniques used to calm and communicate with patients of various socio-economic backgrounds, temperaments and medical conditions.

Vision screening and audiometry testing.

Methods, techniques and equipment used in taking electrocardiogram.

Functions of Public Health clinics.

### **Skill to:**

Operate office equipment including a personal computer, copy and fax machines and printers.

Drive a motor vehicle.

### **Ability to:**

Take x-rays and electrocardiograms.

Perform vision and hearing tests.

Maintain quality control in testing programs.

Maintain and make adjustments/minor repairs to equipment.

Develop x-rays.

Order and maintain inventory of records.

Understand and carry out complex oral and written instructions in exact detail.

Communicate effectively both verbally and in writing.

Establish and maintain cooperative working relationships; deal tactfully and effectively with patients of various backgrounds and with various temperaments and medical conditions and demonstrate compassion.

Prepare narrative and statistical reports; maintain accurate records and document actions taken.

Transcribe medical reports.

Research regulations, procedures and/or technical reference materials.

Maintain confidentiality of information.

### **EXPERIENCE AND EDUCATION/TRAINING**

#### **Experience:**

Two years of radiologic experience.

#### **Education/Training:**

An Associate's degree is required from an accredited college in radiographic techniques and darkroom chemistry.

### **SPECIAL REQUIREMENTS**

Possession of, or ability to obtain, a valid Class C California driver's license may be required.

Possession of a license as a Certified Radiologic Technologist issued by the State of California.

### **SUPPLEMENTAL INFORMATION**

Independent travel will be required.

Candidates for employment must as a condition of employment sign a statement agreeing to comply with Section 11166 of the California Penal Code relating to child abuse reporting.

### **ADA COMPLIANCE**

**Physical Ability:** Tasks involve the ability to exert light physical effort in sedentary to light work, but which may involve some lifting, carrying, pushing and/or pulling of objects and materials of light weight (5-10 pounds). Tasks may involve extended periods of time at a keyboard or workstation. May involve prolonged standing.

**Sensory Requirements:** Requires the ability to recognize and identify similarities and differences between shade, degree or value of colors, shapes, sounds, forms, textures or physical appearance associated with job-related objects, materials, tasks or people.

**Environmental Factors:** Requires the ability to work under conditions where exposure to environmental factors poses a moderate risk of moderate injury or illness.

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Director of Human Resources

**Established Date:** September 1986

**Revised Date:** June 2002

**BOS Date:** June 30, 2003

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