

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼
HUMAN RESOURCES ENTERPRISE

RADIOLOGICAL TECHNOLOGIST 2

DEFINITION

Performs technical work in conducting radiographs, electroencephalograms and/or electrocardiographs; performs related work as required.

The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.

WORK EXAMPLES

Conducts routine and emergency X-ray examinations with stationary or portable machines; develops and processes X-ray films in darkroom.

Conducts X-ray barium studies.

Conducts electroencephalographic recordings; prepares patients by connecting electrodes, recording and marking tracings, and noting unusual signs for the attention of the medical staff.

Conducts electrocardiographic tests by attaching electrodes to patient, manipulating switches, and moving chest electrode to successive positions.

Cares for and maintains X-ray equipment.

Prepares developing solutions.

Requisitions supplies and equipment.

Maintains necessary records, inventories and reports; makes reports on all patients examined.

Assists radiologists in fluoroscopic examinations by preparing and positioning patients, adjusting controls, administering contrast materials and producing films

COMPETENCIES REQUIRED

Knowledge of the techniques of diagnostic and therapeutic radiography.

Knowledge of the operation and maintenance of X-ray equipment and apparatus.

Knowledge of the exposure, processing and storage of X-ray film.

Knowledge of positioning patients for X-rays.

Knowledge of radiation safety procedures and measures.

Knowledge of medical terminology related to X-ray and radiation work.

Knowledge of recent literature and developments in the field.

Knowledge of electroencephalographic techniques and procedures.

Ability to work with precision utilizing dexterity in making fine, coordinated movements.

Ability to perform with accuracy and efficiency under periods of pressure and stress.

Ability to establish and maintain effective working relationships with others.

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Knowledge of recent literature and developments in the field.

Knowledge of electroencephalographic techniques and procedures.

Ability to work with precision utilizing dexterity in making fine, coordinated movements.

Ability to perform with accuracy and efficiency under periods of pressure and stress.

Ability to establish and maintain effective working relationships with others.

Displays high standards of ethical conduct. Exhibits honesty and integrity. Refrains from theft-related, dishonest or unethical behavior.

Works and communicates with internal and external clients and customers to meet their needs in a polite, courteous, and cooperative manner. Committed to quality service.

Displays a high level of initiative, effort and commitment towards completing assignments efficiently. Works with minimal supervision. Demonstrates responsible behavior and attention to detail.

Responds appropriately to supervision. Makes an effort to follow policy and cooperate with supervisors.

Aligns behavior with the needs, priorities and goals of the organization.

Encourages and facilitates cooperation, pride, trust, and group identity. Fosters commitment and team spirit.

Expresses information to individuals or groups effectively, taking into account the audience and nature of the information. Listens to others and responds appropriately.

EDUCATION, EXPERIENCE, AND SPECIAL REQUIREMENTS

Possession of a current certificate to practice diagnostic radiography as issued by the Iowa Department of Public Health which indicates fulfillment of the training requirements for a "general diagnostic radiographer"* and experience equal to two years of full-time work in radiology.

NOTE:

* Minimum training standards for general diagnostic radiographers as issued by the Iowa Department of Public Health are published in 641-42.1(136 C) of the Iowa Administrative Code.

Effective Date: 2/98 GR