

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES  
CLASS SPECIFICATION

RADIOLOGIC TECHNOLOGIST

POSITION CODE: 37500  
Effective: 11-16-86

DISTINGUISHING FEATURES OF WORK:

Under general supervision, performs the full range of x-ray procedures upon the prescription of a physician.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Positions patient, determines and sets technical factors for orthopedic, gastro-intestinal and pulmonary radiography using radiation protective shields and immobilization devices to minimize exposure to ionizing radiation.
2. Performs special x-ray procedures such as tomography and gastrointestinal series. Evaluates films for gross pathology that require a physician's immediate attention; assists radiologist with fluoroscopy. Operates a mobile x-ray unit for patients who are unable to come to the x-ray department.
3. Maintains a record system which includes a numerical file of examinations for statistical purposes; labels and files films. Schedules patients and employees for x-ray examinations.
4. Processes films manually or by using automatic machines; periodically changes chemicals (developing fixing and wash solution); cleans processing equipment and accessories.
5. Maintains a quality control system using specific gravity tests, stepwedge and spinning top. Makes indicated adjustments to maintain processing machine operation.
6. Determines technical factors for a diagnostic image and identifies/recognizes equipment problems and arranges for major repairs of the x-ray units.
7. Inventories stock to maintain adequate supplies in the unit; orders new stock from the in-house storeroom.

## RADIOLOGIC TECHNOLOGIST (Continued)

8. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

### DESIRABLE REQUIREMENTS:

#### Education and Experience

Requires knowledge, skill and mental development equivalent to the completion of four years of high school.

Requires satisfactory completion of a formal two year radiologic technology training program in an American Medical Association approved school.

Requires licensure by the Illinois Department of Nuclear Safety.

#### Knowledges, Skills and Abilities

Requires working knowledge of anatomy, skeletal system and medical terminology sufficient to position patients for prescribed x-rays.

Requires the ability to gain and maintain patient confidence.

Requires the ability to carry out oral and written instructions.

Requires the ability to conceptualize and visualize the inner anatomy of the human body in relation to the x-ray beam and film.

Requires the ability to perform x-ray procedures with no direct supervision.