

**BOARD OF REGENTS
STATE OF IOWA
REGENT MERIT SYSTEM**

Class Title: Radiographer I

Class Code: 3281

Pay Grade: 409

GENERAL CLASS DESCRIPTION:

Under general supervision performs a variety of radiologic procedures, exercising proper safety in radiation protection at all times.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

5. Reviews diagnostic consultation requests to determine the region(s) to be examined and the radiographic projections to be taken based on the patient's history and condition, departmental guidelines, and physician recommendation.
6. Maximizes patient comfort and cooperation by arranging for appropriate patient flow to and from their assigned clinical area and transporting, preparing, and positioning them using care, tact, courtesy, and patients.
7. Prepares and assists in administering contrast media, performing special radiographic procedures or operating specialized radiographic equipment under general supervision of a physician, Radiographer II or Chief Diagnostic Radiologic Technologist.
8. Ensures radiation protection for the patient and environment by:
 - a) Utilizing special equipment, accessories, and precautions to appropriately immobilize and protect the patient;
 - b) Requesting information from the patient regarding possible pregnancy;
 - c) Demonstrating functional knowledge pertaining to potential radiation hazards and appropriate safety regulations.

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed, nor is it intended that related duties cannot be required.

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5. Ensures a clean and safe environment for the patient by:
 - a) Utilizing special equipment, accessories, and precautions to appropriately immobilize and protect the patient.
 - b) Requesting information from the patient regarding possible pregnancy.
 - c) Demonstrating functional knowledge pertaining to potential radiation hazards and appropriate safety regulations.
 - d) Detecting and reporting equipment malfunctions.

KNOWLEDGES, SKILLS AND ABILITIES:

1. Knowledge of radiation protection standards, devices, techniques and radiation biology.
2. Knowledge of darkroom processing equipment and procedures and proper storage of films.
3. Knowledge of medical terminology covering gross structures of the body, major organs, and pathology.
4. Knowledge of medical terminology covering gross structures of the body, major organs and pathology.
5. Ability to correctly position patients for radiographic examinations utilizing proper lifting techniques.
6. Ability to communicate orally and in writing.
7. Ability to communicate with persons from a variety of backgrounds.
8. Ability to work with precision, utilizing dexterity in making fine, coordinated movements.
9. Ability to initiate emergency medical procedures such as cardiac pulmonary resuscitation.
10. Ability to perform with accuracy and efficiency during periods of pressure and stress.
11. Knowledge of the care and use of diagnostic radiographic equipment.

12. Knowledge of infection control procedures.

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13. Knowledge of recent literature and developments in the field.

14. Ability to evaluate recorded images for technical quality.

15. Ability to obtain radiographs in the operating room utilizing knowledge of sterile techniques.

16. Ability to use independent judgment in establishing technical parameters for producing diagnostic radiographs.

MINIMUM ELIGIBILITY REQUIREMENTS:

1. Successful completion of two-year or other approved program by Joint Review Committee in Radiologic technology Education; and
2. Certification or eligibility for certification in diagnostic procedures by the American Registry of Radiologic Technologies; and
3. Permit to Practice as required by the State of Iowa for all radiographers operating ionizing radiation emitting equipment.

REVISION EFFECTIVE: February 15, 1989