

LEAD X-RAY TECHNOLOGIST (SPECIAL PROCEDURES)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this class is responsible for technical work involving the operation of complex X-Ray equipment for the purpose of taking radiographs of various designated portions of the body, using special procedures, to assist physicians in the detection of foreign bodies and the diagnosis of diseases and injuries. Work involves the proper positioning of patient, the development of the X-Rays, the maintenance of radiographic files for a prescribed period. The Lead Technologist is distinguished from the Senior Technologist in that incumbents must possess training and/or previous experience in the performance of special radiological procedures such as the operation of the CAT Scan equipment, and are assigned in one of these specialty areas. Partial supervision may be exercised over X-Ray Technicians, non-professional and clerical support staff in the way of quality control of work, and providing technical assistance. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Positions and instructs patients in preparation for taking X-Rays using special procedures such as CAT scan, angiograph or neurographic studies;

Makes adjustments to X-Ray equipment to correct setting for each examination taking into consideration proper voltage, current and desired exposure time as prescribed by the attending physician;

Takes X-Rays as prescribed or requisitioned of all parts of the body for diagnostic purposes;

Develops or reviews the development of exposed films;

Prepares and maintains records and files of radiographs;

Purges outdated files, as directed;

Troubleshoots and maintains X-Ray equipment;

Requisitions film and supplies, as needed;

Mails X-Ray films to organizations and physicians, as requested;

Provides training and technical direction to lower level Technicians and non-professional support staff.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the techniques used in radiography, including those used for special procedures such as CAT scan, angiographic and neurographic studies; thorough knowledge of all modern procedures and techniques involved in the taking of X-ray films for diagnostic purposes; good knowledge of the operation of all types of radiographic equipment, including those used in special procedures; good knowledge of human

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: (Con't)

anatomy; good knowledge of the techniques of radiography; skill in the operation and minor repair of X-Ray producing equipment; ability to understand and carry out complex oral and written directions; ability to direct and instruct others; ability to handle sick and injured patients properly; thoroughness; reliability; good judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Possession of a valid license and current registration, issued by the New York State Health Department, as a Radiologic Technologist in the field of Diagnostic Radiography; and two years experience in a hospital X-Ray department or a private radiological laboratory performing all types of diagnostic work including the operation of special procedures equipment such as the CAT scan, angiographic or neurographic equipment.

SPECIAL REQUIREMENT: Must be certified and maintain current registration with the American Registry of Radiologic Technologists (ARRT) in the field of Radiography.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Department of Education as a post-secondary, degree-granting institution.