

## X-RAY THERAPY TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: Incumbents of this class are responsible for technical work involving the operation of complex radiation therapy equipment and the proper planning, positioning and treatment of patients in the Radiation Medicine Division of the Westchester Medical Center. Incumbents of this class work independently on traditional radiation therapy procedures such as Linear Accelerators, Cobalt, and Simulators and under the direct supervision of a higher level Radiation Therapy Technician for radiotherapy procedures such as teletherapy, brachytherapy and stereotactic radiosurgery. Supervision is not a feature of this class. Does related work as required.

### EXAMPLES OF WORK: (Illustrative Only)

Positions patients and monitors patients and treatments to assure safety and accuracy, remaining alert to patient reactions to treatment and changes in physical and mental status and alerting Radiation Therapist to significant reactions and changes;

Independently operates specialized radiological equipment and machinery such as Linear Accelerators, Cobalt and Simulators;

Under supervision, may perform radiotherapy procedures such as brachytherapy, teletherapy, and stereotactic radiosurgery;

Checks machinery regularly to ensure proper functioning, including pressure, temperature, and water level readings for quality assurance and troubleshoots equipment failure, makes repairs where possible;

Takes and develops portal films, takes measurements and contours, and photographs treatment fields;

Interprets computerized treatment plans including use of immobilizing and blocking, and carries out physician's prescription orders;

Prepares and maintains records and files of procedures;

Troubleshoots equipment failure, makes repairs where possible;

Ensures equipment is functioning properly on a continuous basis;

Keeps treatment rooms stocked with necessary supplies and in clean and orderly condition.

Ensures compliance with radiation safety rules and regulations for self protection as well as for patients and other staff members;

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the techniques and procedures used in radiation therapy; skill in the application of the techniques of radiation therapy; ability to independently operate standard radiation therapy equipment; analytical ability to interpret physicians' prescriptions for dose and radiation treatment plan; ability to understand and carry out complex oral and written instructions; 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 Radiotherapy, and one year of experience in a hospital radiation medicine department or private radiotherapist office where the primary function of the position is independently performing radiation therapy treatments.

West. Co.  
J. C.: Non-Competitive†  
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Job Class Code: C1139  
Job Group: XII