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# SUPERSEDES Senior Radiation Therapy Technologist (PT0405)

# TITLE Senior Radiation Therapist CLASSIFICATION GRADE 06

**SPECIALTY GRADE 55**

### BASIC FUNCTION AND RESPONSIBILITY

Perform a variety of complex radiation therapy procedures that require independent judgment and initiative in order to treat patient illness. Oversee the operation of Linear Accelerators, High Dose Brachytherapy, Conventional Simulation and/or CT Simulation equipment. Provide leadership by participating in special projects.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Independently manage and operate Linear Accelerators and/or High Dose Brachytherapy equipment.

Responsible for running all startup and shutdown operations on the machine on a daily basis.

Provide functional supervision of junior staff and students in the operation of equipment and the delivery of treatments.

Conduct continuing education/in-service programs for staff and students.

As assigned perform duties as an instructor in areas of specific competence.

Trouble-shoot technical problems and equipment breakdown.

Perform duties of Radiation Therapy Technologist as required and assigned.

Oversee planning and scheduling of treatment procedures on the assigned machine(s).

Requisition and inventory supplies for related treatments.

Assist in the development, implementation and evaluation of technology required for new treatment modalities; provide guidance and instruction to technologist staff, students and other staff.

Responsible for implementing and following approved protocols related to investigational clinical procedures.

Demonstrate leadership by participation in special projects to develop workflow and technology to improve treatment delivery.

Follow established radiation protection guidelines and develop written guidelines and procedures for new treatment modalities.

Consult with attending physicians to improve quality of new procedures.

Maintain effective working relationships with faculty, staff, students and the public.

*In addition to the duties and responsibilities noted above, the position description must include statements from*[*UI Health Care Core Values (WECARE)*](https://uihc.org/mission-vision-and-core-values)*for Health Care positions or*[*Universal Competencies*](https://hr.uiowa.edu/careers/competencies/universal-competencies)*for all other positions.*

## SUPERVISION RECEIVED

Supervision is received from the Chief Radiation Therapy Technologist or other designated official.

#### SUPERVISION EXERCISED

Functional supervision is exercised over support staff and students.

QUALIFICATIONS

A Bachelor’s degree in Radiation Sciences from an accredited program or equivalent combination of education (associates degree with technical training) and experience is required; a Bachelor’s degree in Radiation Sciences is highly desirable.

Extensive (5-7 years) experience in radiation therapy technology is required.

Certification by American Registry of Radiologic Technologists in radiation therapy procedures is required.

Permit to practice as required by the State of Iowa is required.

Excellent written and verbal communication skills are required.

Experience with current advanced radiation therapy technology is highly desirable.

Experience with specialized radiation therapy procedures is highly desirable.

Experience with specialized treatment imaging positioning and localization techniques is highly desirable.

Experience with an electronic medical record system is highly desirable.

Membership in the appropriate professional organizations is desirable.

Previous supervisory experience is desirable.