

THE UNIVERSITY OF TEXAS
SOUTHWESTERN MEDICAL CENTER

JOB DESCRIPTION

TITLE: RADIATION ONCOLOGY ENGINEER I
JOB FAMILY: SKILL

FLSA: EXEMPT

JOB CODE:
DATE: June 2019

ESSENTIAL FUNCTIONS

1. Learn and perform technical support related to the maintenance and operation of medical linear accelerators, computed tomographs (CT) or Magnetic Resonance Imagers (MRI) and other large, complex equipment found in a radiation oncology department including preventive maintenance, troubleshooting and performing emergency repairs.
2. Coordinate vendor service when necessary.
3. Design, construct and modify treatment accessories for physics and other department members as needed for patient treatment or imaging, quality assurance and research support.
4. Maintain technical performance data and other related documentation.

MINIMUM QUALIFICATIONS

EDUCATION/EXPERIENCE

Associate's degree or military/vocational/technical training related to maintaining and servicing medical or electrical equipment.

KNOWLEDGE, SKILLS, & ABILITIES

- Work requires use of considerable judgment in application of procedures, practices and policies to work problems, organization, and administration of clinical activities.
- Work requires excellent written and verbal communication skills, remain flexible, be able to work independently and as a team, and adapt to a fast moving environment.
- Work requires knowledge, skills, and abilities specific to the needs of the clinical specialty.
- Work requires ability to maintain current technical skills by attending training programs and seminars to continue level of competency with new equipment and ensure compliance with departmental policies and procedures.
- Work requires ability to complete most assignments with substantial independence.
- Work requires proficiency in the use of computer technology.
- Work requires ability to read, write, and perform mathematical calculations.
- Work requires telephone contact with vendors, and third party payees.
- Work requires ability to stand for long periods of time.
- Work requires ability to lift, push, and/or pull up to 50 lbs.

The following is the acronym, "PACT", and is fundamental to all clinical positions at UT Southwestern Medical Center:

- **P-Problem Solving:** To achieve excellence in patient care and service, all employees are expected to take ownership in solving problems effectively, efficiently and to the satisfaction of the patient.
- **A-Ability, Attitude and Appearance:** In keeping with a professional healthcare environment, all employees are expected to have the ability to perform their jobs and to appear and conduct themselves in a professional and positive manner.
- **C-Communications and Compassion:** It is our goal that all our communications are clear, courteous, timely, and delivered with compassion, respect and appropriate confidentiality.
- **T-Teamwork:** In our medical environment, our patients regard every employee they encounter as a member of the Southwestern Medical Center team. Our goal is to individually work hard to contribute to our team, support our co-workers, and to achieve not only excellent patient care and service, but also a satisfying, caring environment for each other.

WORKING CONDITIONS

Work is primarily performed in clinical environment. The incumbent may be exposed to body fluids and infectious diseases.

Working conditions are considered fair but involve more than average exposure to one or more disagreeable elements including radiation.

Any qualifications to be considered as equivalents in lieu of stated minimums require prior approval of the Vice President for Human Resources Administration, or his/her designee.

This position is security-sensitive and subject to Texas Education Code 51.215, which authorizes UT Southwestern to obtain criminal history record information.