# Medical Physicist – Position Description

## Position Purpose

Provides physics services to the Radiation Therapy department in accordance with the highest standards of practice and as required by regulatory and accrediting agencies.

## Duties and Responsibilities

* Facilitate program development to include acceptance testing, commissioning and clinical implementation of new treatment approaches.
* Train oncologists and technical staff on the clinical and technical aspects of new modalities.
* Calibrate therapy equipment to ensure accurate dose delivery.
* Perform dosimetry characterization measurements and evaluations on existing and new equipment.
* Calculate weekly treatment delivery and perform dose distributions in patients undergoing treatment.
* Develop and evaluate treatment plans and deliver treatment for patient’s receiving high dose rate.
* Direct design/construction of patient treatment aides or special services.
* Maintain accurate records for patients and equipment.
* Participate in research studies and ongoing educational opportunities.

## Knowledge, Skills and Abilities

Knowledge of biology, chemistry, mathematics, documentation, and records management.

Data utilization, complex problem solving, critical thinking, resource management, and writing skills.

## Position Requirements

Education: Bachelor’s degree

Experience: 3 years

FLSA: Exempt