# ISSUED Unknown

# REVISED November, 2005

# SUPERSEDES

# TITLE Nuclear Medicine Technologist CLASSIFICATION GRADE 05

#  SPECIALTY GRADE 36

## BASIC FUNCTION AND RESPONSIBILITY

Prepare, administer and measure radioactive isotopes in therapeutic, diagnostic and tracer studies to obtain information for use by physicians in diagnosing patient illness.

## CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Operate radiation detection instruments to produce scintiscans and/or to measure concentrations of radioisotopes in specific body areas.

Prepare radioactive isotopes for administration to patients and to calculate proper doses.

Maintain records of tests conducted, test results and the use and disposition of radioactive materials.

Calibrate radiation detection instruments as prescribed by accepted methods to maintain quality control.

Provide instruction to medical residents, Nuclear Medicine Technology students, and other staff on the operation of various instruments and explain the procedures performed.

Use established radiation safety precautions to avoid radioactive contamination.

Provide information and instructions to patients about the nature of the requested diagnostic and/or therapeutic examination.

Establish relationships with patients and attend to physical and emotional needs.

Practice sterile techniques and prevent cross-contamination.

Demonstrate proficiency in performing all nuclear medicine 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 Diagnostic Radiologic Technologist or other designated official.

SUPERVISION EXERCISED

Functional supervision is exercised over students.

## QUALIFICATIONS

A Bachelor's degree in Nuclear Medicine Technology approved by the Council of Education of the American Medical Association or an equivalent combination of training and experience is required.

Certification by the American Registry of Radiologic Technologists or the Nuclear Medicine Technology Certification Board is required.

Certification as a Nuclear Medicine Technologist by the Iowa Public Health Department as documented by an Iowa Permit to Practice (IPP) is required.

Excellent written and verbal communication skills are required.