# ISSUED July, 2003

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# SUPERSEDES Clinical Laboratory Scientist I

# TITLE Medical Laboratory Technician CLASSIFICATION GRADE 04

# SPECIALTY GRADE 22

## BASIC FUNCTION AND RESPONSIBILITY

May perform all levels of testing complexity and analysis on biological specimens to provide information used in the diagnosis, prevention or treatment of disease. Utilize a variety of procedures that may involve numerous detailed tests and techniques that require the use of professional judgment.

## CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Perform quantitative and qualitative analysis for all levels of testing complexity on laboratory clinical and research biological specimens such as blood, tissue and body fluids.

Provide information to health care provider regarding test methodology and interpretation. Evaluate test results and provide support to Medical Laboratory Scientist (MLS).

Investigate quality assurance issues involving patient samples.

Recommend corrective action for quality assurance.

Calibrate, conduct routine maintenance and troubleshoot laboratory instrumentation.

Seek technical direction from the MLS with specific instrumentation problems.

Assist in reagent comparisons, evaluate results and recommend changes to reduce costs and improve efficiency.

Participate in evaluation of equipment and recommend products for acquisition.

Maintain inventory and orders supplies as needed.

Comply with applicable regulatory and accreditation requirements of the laboratory section.

Perform, record and review daily quality control associated with assigned testing.

Document and report variances.

Participate in the Quality Assurance program within the section. Identify opportunities for improvement for improvement and make recommendations for resolution of identified problems/errors.

May assist with writing and revising laboratory procedures according to NCCLS guidelines.

Assist in a positive and professional manner with bench training for the Clinical Lab Sciences Training Program within the section.

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 Medical Laboratory Scientist Supervisor, Assistant Laboratory Manager, Laboratory Manager, Laboratory Director, or other designated official.

### SUPERVISION EXERCISED

Functional supervision may be exercised over support staff and students.

## QUALIFICATIONS

A Bachelor’s degree in a chemical, biological, clinical laboratory science, or medical technology program from an accredited institution, or:

Medical Laboratory Technician (MLT) or a categorical/specialist certification in the appropriate laboratory discipline or eligible from American Society for Clinical Pathologists (ASCP) or National Credentialing Agency (NCA), or:

Successfully completed an official US military medical laboratory procedures training course of at least 50 weeks duration and have held the military enlisted occupational specialty of Medical Laboratory Specialist (Laboratory Technician) is required.

Excellent written and verbal communication skills are required.

Certification from American Society for Clinical Pathologists (ASCP) or National Credentialing Agency (NCA) as a Medical Laboratory Technician (MLT) is highly desirable.