



University System of Maryland Job Class Specification

TITLE: MEDICAL TECHNOLOGIST
FLSA: NONEXEMPT
EEO6: H50
IPEDS-SOC: 29-2012

JOB CODE: N14MGU
JOB TYPE: SYSTEMWIDE
JOB FAMILY/SERIES: MED

APPROVED BY:
Chancellor Donald N. Langenberg

EFFECTIVE DATE: 07/01/1996

JOB SUMMARY

Under general supervision, performs clinical laboratory tests according to established procedures in order to obtain data for use in diagnosis and treatment of disease. Analyzes, interprets and ensures accuracy of test results.

PRIMARY DUTIES

1. Operates complex automated analysis equipment; certifies and corrects malfunctions of equipment and instrumentation, and performs regular maintenance in accordance with established procedures.
2. Determines suitability of test samples, records test data, makes statistical calculations, prepares test reports, and answers routine questions with area of competence for medical personnel and others.
3. Compares laboratory results with normal values and investigates atypical results to determine cause.
4. Ensures proper preparation and replacement of chemicals and reagents, evaluates new diagnostic kits and procedures, participates in assuring quality control and performs efficiency testing.
5. Assists in research, development and implementation of laboratory testing procedures.
6. Records, calculates and plots known control values on technical instruments to ensure their reliability and accuracy in reporting results. Regularly cleans, performs routine maintenance and calibrates instruments and equipment.

Note: The intent of this list of primary duties is to provide a representative summary of the major duties and responsibilities of

this job. Incumbents perform other related duties assigned. Specific duties and responsibilities may vary based upon departmental needs.

MINIMUM QUALIFICATIONS

EDUCATION: Successful completion of a medical technology program accredited by the Committee on Allied Health Education and Accreditation (CAHEA).

EXPERIENCE: One year as a medical technologist.

OTHER: Certification by the American Society of Clinical Pathologists (ASCP).

REQUIRED KNOWLEDGE/SKILLS/ABILITIES

Comprehensive knowledge of applicable safety, quality control, and specimen handling guidelines and procedures. Skill in using applicable laboratory equipment such as centrifuges, meters, microscopes, incubators, pipettes, autoclaves, and sterilizers. Ability to work quickly and accurately when under strict deadlines; to wear and work in personal protective equipment.

OTHER: Except for qualifications established by law, additional related experience and formal education in which one has gained the knowledge, skills, and abilities required for full performance of the work of the job class may be substituted for the education or experience requirement on a year-for-year basis with 30 college credits being equivalent to one year of experience.

CONDITIONS OF EMPLOYMENT

Candidates selected for employment may be subject to medical inquiries and/or medical examinations to determine ability to perform the job. Employees in this job class must maintain valid certification with the American Society of Clinical Pathologists. Employees in this job class may be subject to pre-employment and random drug testing.