

**CLASS TITLE: SENIOR MEDICAL TECHNOLOGIST**

**Class Code: 02724300**  
**Pay Grade: 27A**  
**EO: C**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To perform a variety of complex standardized tests and quality control in such fields as: hematology, cytology, immunology, phlebotomy, chemistry, microbiology and immunohematology; and to do related work as required.

**SUPERVISION RECEIVED:** Works under the direction of a superior who occasionally assists on difficult problems; work is reviewed only occasionally upon completion.

**SUPERVISION EXERCISED:** As required, supervises the work of technologists and others assigned to assist in laboratory work.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To perform a variety of complex standardized tests and quality control in such fields as: hematology, cytology, immunology, phlebotomy, chemistry, microbiology and immunohematology.

To make bacteriological tests and studies for the identification, enumeration and description of bacteria or pathological conditions.

To perform complex biochemical tests and analyses on blood, urine and other body fluids.

To perform complex hematological tests and analyses.

To prepare required reagents for tests.

To maintain and repair various laboratory instruments such as: colorimeters, incubators, microscopes, centrifuges and autoclaves.

To lead and train laboratory personnel in the performance of a variety of standardized tests and examinations.

To evaluate and implement new or modified laboratory procedures.

To participate in the instruction and evaluation of students.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of standard laboratory instruments and equipment and the techniques and procedures concerning their use; a thorough knowledge of the basic theories, principles and practices of medical technology; a thorough knowledge of the literature and current developments in the field of medical technology; the ability to exercise judgement in preparing specimens for testing, determining appropriate test procedures and interpreting tests results; the ability to perform medical technology tests with a high degree of accuracy and precision; the ability to supervise the work of subordinates assigned to assist; the ability to establish and maintain effective working relationships with co-workers; the ability to prepare clear and concise reports; and related capacities and abilities.

**EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation from a college of recognized standing with a Bachelor's Degree in Medical Technology or with a major in Biology or Chemistry; and

Experience: Such as may have been gained through: employment in a laboratory as a Medical Technologist.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Class Revised: November 13, 1983

Editorial Review: 3/15/03