

**CLASS TITLE: SENIOR LABORATORY TECHNICIAN**

**Class Code: 02725400**  
**Pay Grade: 19A**  
**EO: C**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To perform a variety of standardized tests and analysis in direct support of diagnostic or environmental laboratory examinations; as required, to perform venous and capillary phlebotomy procedures; and to do related work as required.

**SUPERVISION RECEIVED:** Receives instructions and specific assignments from a supervisor; work is subject to review upon completion for accuracy and compliance to prescribed procedures.

**SUPERVISION EXERCISED:** Assists in monitoring the performance of medical technology and medical laboratory technician students learning routine tests and lab aides; may supervise the work of technicians of lower rank or laboratory aides.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To prepare reagents by predetermined procedures for use in standardized tests.

As required, to set up laboratory equipment and apparatus for the preparation of complex examinations.

To prepare culture media, stains and reagents; culture pathogenic bacteria and perform antibiotic susceptibility testing.

To maintain all necessary records and to prepare and stain tissues for pathogenic examination.

To make routine, and difficult biological or chemical analysis and tests of organic or inorganic material.

To utilize quality control procedures on a routine basis according to established standards.

To perform safety program checks and preventive maintenance on instrumentation as delegated.

To log in specimens, keep accurate records, prepare and transmit reports clearly and completely and to maintain a clean and orderly work area.

To maintain a general understanding of test theory as required through formal education, experience or continuing education.

To assist in special projects and evaluations.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of the methods and techniques used in preparing stains, media and solutions; a working knowledge of methods and techniques applied in performing a variety of routine and complex standardized biological and chemical tests and analyses; a working knowledge of the operation, care and maintenance of basic and more sophisticated laboratory equipment; the ability to apply these methods and techniques in performing routine and more complex analyses and tests; a thorough knowledge of the methods used in preparing stains, media and solutions; the ability to follow detailed written and oral instructions accurately; and related capacities and abilities.

**EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation from a senior high school and graduation from an approved school for laboratory technicians; or

Experience: Such as may have been gained through: considerable employment in a technical capacity in a laboratory performing a variety of routine and more complex tests and analyses.

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

Class Revised: February 19, 1984

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