

## LABORATORY TECHNICIAN I

NATURE OF WORK IN THIS CLASS:

This is routine technical laboratory work.

Employees in this class perform routine technical laboratory duties independently after initial training and work under closer supervision on a variety of more complex developmental assignments.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed.)

Prepares and runs routine tests and analyses on various substances, such as food, solids, water, air, plants, tissues, and other items.

Prepares and labels media, solutions, dyes, stains and other items; assists in collecting, processing, and in the preparation of samples.

Uses routine laboratory instruments and equipment including microscopes, balances, spectrographs, chromatographs, scintillation counters; moisture, pH, and other meters; and other equipment.

Cleans and sterilizes various laboratory equipment, such as slides, test tubes, flasks, pipettes, petri dishes, tubing, and other instruments and media; cleans work space and laboratory area.

Keeps various laboratory records and notes, and related laboratory clerical work.

Assembles kits for laboratory examinations.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of basic laboratory principles, techniques, terminology, and equipment.

Ability to learn and apply basic principles of the physical and biological sciences, as applied to particular laboratory assignment.

Ability to perform routine laboratory tests.

Ability to handle, clean, and sterilize laboratory glassware and equipment.

Ability to follow specific procedures and observe and record results accurately.

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Skill in the use of routine laboratory instruments, equipment, and manipulative techniques.

MINIMUM EXPERIENCE AND TRAINING:

(A) One year of experience in laboratory work and successful completion of 22 semester hours in biology, chemistry, or closely related sciences; or

(B) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

Established: July 1980

  
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DAVID R. FLORES,  
Executive Director,  
Civil Service Commission.