

LABORATORY TECHNICIAN II

NATURE OF WORK IN THIS CLASS:

This is moderately complex technical laboratory work involved in performing a variety of standardized laboratory tests, and related duties.

Employees in this class perform moderately complex technical, laboratory work independently on an ongoing basis and participate in the full range of complex technical duties under closer supervision.

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.)

Processes laboratory samples for analysis, including grinding, drying, washing, weighing, and labeling.

Performs standard analyses of samples including water, sewage, industrial wastes, feeds, fertilizers, and pesticides, soils plants and other items.

Uses various laboratory instruments and equipment including balances, spectrophotometers, chromatographs, pH meters, centrifuges, automatic and manual pipettes, microscopes, and evaporators; cell, gamma, and liquid scintillation counters; and other equipment.

Prepares cultures, reagents, and solutions; prepares specimens and slides, grows tissue cultures.

Cleans and maintains laboratory and work areas; makes minor repairs to laboratory equipment.

Keeps records of tests, analyses, and results; prepares reports.

May assist students and faculty in experimental design as it relates to the use and placement of collecting and sampling devices and specialized apparatus.

May assist in specialized laboratory research analyses and tests.

May assist with preparations for teaching laboratories and lectures, and in training laboratory assistants.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of materials, techniques, and procedures of a variety of standardized laboratory tests.

Knowledge of the biological or physical sciences ~~as applied~~ to particular laboratory assignments.

Ability to perform a variety of laboratory tests and analyses.

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

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

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

MINIMUM EXPERIENCE AND TRAINING:

(A) Two years of experience in laboratory work, including one year of varied laboratory testing and analyses 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  
Pay Grade I Step 1: \$21,389 - Step 10: \$32,083

  
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DAVID R. FLORES  
Executive Director,  
Civil Service Commission