

MICROBIOLOGIST II

NATURE OF WORK IN THIS CLASS:

This is moderately complex professional microbiologic laboratory work.

Employees in this class perform moderately complex professional laboratory duties independently and participate in the full range of complex duties.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed).

Performs moderately complex as well as standard microbiologic and similar laboratory tests on various specimens in order to establish the presence and identification of infectious agents.

Examines body fluids and exudates and performs other microbiological examinations and studies.

Analyzes and interprets data pertaining to studies; participates in laboratory research work.

Makes special blood and spinal fluid serological analyses and other required studies.

Maintains records and prepares reports.

May guide students in use of equipment and performance of analyses and tests; sets up laboratory equipment and experiments; maintains work space and may perform minor maintenance work on equipment.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of microbiology, general biological science, and related phases of chemistry and physics.

Knowledge of laboratory methods and procedures and equipment.

Ability to perform a variety of moderately complex and standard microbiologic and related laboratory analyses and tests.

Ability to apply microbiologic and biologic principles and practices to problems in laboratory work and arrive at workable solutions.

Ability to understand and interpret oral and written directions, for mularae and charts.

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Ability to apply safe work practices.

Skill in the use of the laboratory equipment.

MINIMUM EXPERIENCE AND TRAINING:

(a) One year of professional work experience in microbiologic or related laboratory work and graduation from a recognized college or university with a Bachelor's degree in microbiology, biology, or related field; or

(b) Any equivalent combination of experience and training beyond the Bachelor's degree which provides the minimum knowledge, abilities and skills.

ESTABLISHED: JULY, 1980



DAVID R. FLORES, Executive Director
Civil Service Commission