

MEDICAL TECHNOLOGIST

GENERAL STATEMENT OF DUTIES: Performs a variety of bacteriological, chemical, serological, immuno-hematological and related tests to provide data for use in treatment and diagnosis of disease; assists in the preparation of pathological specimens for examinations and other procedures in a health laboratory; examines patients, obtains body materials such as blood, cultures, urine or other specimens directly from patients and makes chemical analyses; conducts communicable disease investigations, educational and training programs; provides direction and technical assistance to other employees and others seeking input from the Health Department; works under general supervision; performs related duties as required.

STATEMENT OF TASKS:

Performs examinations of such specimens as cultures, smears, special fluids, blood and other specimens, conducts sensitivity tests for antibiotics;
Performs bacteriological examinations of water and other materials;
Prepares media, solutions and stains for use in laboratory;
Examines and interviews patients to determine contact with disease;
Obtains specimens where appropriate;
Makes quantitative and qualitative chemical analyses of specimens;
Groups and types blood and determines RH factor and performs coagulation studies;
Performs blood counts, prepares various bleeding tests and special hematological studies;
Conducts communicable disease investigations and directs patients for treatment;
Conducts educational programs in the community regarding disease control;
Provides direction and technical assistance to County employees and others seeking Health Department input.

The statement of tasks above is intended to be sufficient to identify the class and be illustrative of the many duties that may be assigned. It should not be interpreted to describe all of the duties an employee assigned to this class may be required to perform.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of bacteriology, serology, immunology, organic chemistry, hematology, blood bank and histo-pathology;
Working knowledge of standard chemical, bacteriological and serological procedures;
Ability to perform clinical test procedures in a health laboratory;
Ability to perform complex chemical analyses of body materials;
Ability to investigate communicable diseases and conduct community disease control programs;
Ability to communicate effectively orally and in written form;

MEDICAL TECHNOLOGIST


Page 2

Ability to provide direction and technical assistance;
Ability to deal with diverse segments of the population;
Ability to maintain high levels of confidentiality;
Ability to attend work regularly and work under stressful conditions.

MINIMUM QUALIFICATIONS:

Registered medical technologist, certified by the American Society of Clinical Pathologists (ASCP) or by the National Certification Agency for Medical Laboratory Personnel.

Established: January 30, 1979
Revised: March 26, 1999


Personnel Director