

FORENSIC SCIENTIST 3

KIND OF WORK

Third-level professional and lead work in a crime laboratory.

NATURE AND PURPOSE

An employee in this class is responsible for a crime laboratory function, such as blood and urine alcohol analysis, drug and narcotics analysis, or document examination and firearm markings. In order to perform these responsibilities, employees must possess the ability to apply highly analytic techniques in technical fields of crime laboratory analysis where new scientific developments are constantly occurring. Assignments are performed under the general supervision of the Crime Laboratory Director, who reviews work on the basis of results achieved.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Performs highly technical crime analysis in one of the six functional units of the crime laboratory.

Selects methods of analysis using a variety of instrumentation and equipment.

Assigns case work and examines reports of laboratory analysts under his/her direction.

Reviews work performed in his/her functional unit.

Maintains and compiles statistics of work accomplished in his/her unit.

Determines the needs of his/her unit and orders supplies and equipment.

Conducts and directs the training of laboratory analysts.

Provides instruction to other law enforcement agencies with respect to the collection and preservation of physical evidence and the capabilities of the laboratory.

Coordinates the activities of his/her functional unit with other units of the laboratory.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Extensive knowledge of the application of scientific principles of forensic analysis.

Extensive knowledge of state, federal and local criminal laws and regulations.

Thorough knowledge of the principles and practices of analytical chemistry, physics and biology.

Thorough knowledge of criminal court procedures and practices with special reference to rules of evidence and ability to testify as an expert witness.

Considerable knowledge of the principles of law enforcement management.

Ability to:

Ability to make thorough inspections, to ascertain facts by investigation and to obtain and evaluate evidence.

Ability to organize, assemble and write detailed technical reports.

Ability to provide effective leadership, and training to laboratory analysts.

Ability to conduct and to provide leadership in research activities.

Est.: 11/15/73
Ckd.: 10/77, 2/78, 10/92

T.C.:
Former Title(s): Crime Laboratory
Analyst 3