

SENIOR LABORATORY TECHNICIAN (II-FORENSIC SCIENCE)

DISTINGUISHING FEATURES OF THE CLASS: Under direct supervision of professional laboratory personnel, this technical laboratory position performs chemical, physical, microscopic and instrumental analyses and quality assurance protocols in the fields of criminalistics and forensic science in the Department of Labs and Research. Incumbents prepare solutions and reagents, as well as maintain equipment in accordance with established procedures, and assist higher level, laboratory personnel with complex analyses and administrative/clerical work including assembly and distribution of Discovery related materials. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs chemical, physical, microscopic and instrumental methods of analysis of physical evidence and controlled substances;

Prepares solutions and reagents and maintains equipment ensuring proper availability of work materials;

Ensures compliance to standard laboratory practices in maintenance and cleanliness of work areas and instrumentation to ensure safe working conditions;

Participates in the laboratory's QA program;

Assists higher level personnel in complex analyses;

Records QA/test results, reports findings, and compiles related information as required;

Participates in the Departments' teaching program;

Attends training sessions to keep abreast of new laboratory procedures, techniques and equipment;

Participates in internal and external competency/proficiency testing programs as required;

Uses computer applications or other automated systems such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments;

Uses automation software to set up runs on analytical instruments;

Assists with validations;

May be called upon to work in Evidence Receiving;

Assists with clerical and administrative functions relating to the Forensic Science unit;

Assists senior level staff members in the preparation of Discovery packages;

May perform other incidental tasks as needed.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of modern laboratory techniques, procedures, instrumentation and safety precautions used in the field of Forensic Science; working knowledge of the basic principles of the chemical and biological sciences; ability to operate standard laboratory equipment and apparatus; ability to understand and follow complex technical verbal and written instructions; ability to effectively use computer applications such as spreadsheets, word processing, e-mail and database software; ability to read, write, speak, understand and communicate in English sufficiently to perform the essential tasks of the position; thoroughness; accuracy; resourcefulness; dependability; alertness; integrity; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) Associate's Degree* in Forensic Science, Medical Technology, Chemistry, Toxicology, Biology or a related field which must have included 12 credit hours in chemistry or chemistry related laboratory and 3 years of appropriate technical experience in an approved medical, hospital, university or public health lab; (b) Bachelor's Degree* in the above fields which must have included 12 credit hours in chemistry or chemistry related laboratory and 1 year of the experience as stated in (a); or (c) a satisfactory equivalent combination of the foregoing training and experience.

SUBSTITUTION: Satisfactory completion of 30 credits towards a Master's Degree* in Forensic Science, Medical Technology, Chemistry, Toxicology, Biology or closely related field, may be substituted on a year for year basis for up to two years of the experience required above.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Education Department as a post secondary degree-granting institution.

NOTE: Unless otherwise noted, only experience gained after attaining the minimum education level indicated in the minimum qualifications will be considered in evaluating experience.