

## SENIOR LABORATORY TECHNICIAN (II-TOXICOLOGY)

DISTINGUISHING FEATURES OF THE CLASS: Under direct supervision of professional laboratory personnel, an incumbent in this class performs non-instrumental and instrumental methods of analysis, on biological fluids and tissues, in the fields of Forensic and Clinical Toxicology in the Department of Labs and Research. Incumbents prepare solutions and reagents, maintain equipment in accordance with established procedures, and assist higher level laboratory personnel in complex analyses. Does related work as required.

### EXAMPLES OF WORK: (Illustrative Only)

Performs non-instrumental and instrumental methods of analysis of tissues and biological fluids of a routine nature for toxicological purposes;

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;

Assists higher level laboratory personnel in complex analyses;

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

Participates in the Departments' teaching programs;

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

Participates in internal and external proficiency testing programs;

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

May perform other incidental tasks, as needed.

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

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) an Associate's Degree\* in Medical Technology, Chemistry, Toxicology, Biology, or closely related field, which must have included at least twelve credit hours in chemistry or chemistry related courses and three years of technical laboratory experience within the last five years; or (b) a Bachelor's Degree\* in Chemistry, Toxicology, Biology, or closely related field, which must have included twelve credit hours in chemistry or chemistry related courses and one year of technical laboratory experience within the last five years.

SUBSTITUTION: Satisfactory completion of 30 credits towards a Master's Degree\* in 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.

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

\*SPECIAL NOTE: Education beyond the secondary degree 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.