

SENIOR LAB TECHNICIAN (I-ELECTROENCEPHALOGRAM)

DISTINGUISHING FEATURES OF THE CLASS: Under the supervision of a higher level technical employee, an incumbent of this class performs electroencephalograms of impulse frequencies and tracings of various areas of the brain for diagnostic purposes. Incumbents may work in this position until they receive the necessary experience and the required registration to work in the more independent position of Senior Lab Technician (II - Electroencephalogram). Supervision is not a regular responsibility of this class. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs electroencephalograms of patients in order to record brain waves indicative of impulse frequencies and differences between various parts of the brain which are used to detect evidence of brain disorders by a neurologist;

Writes reports of EEG, indicating unusual wave characteristics shown on tracings, and records them in patient charts;

Maintains log of EEG's performed;

Provides physicians with information regarding the results of EEG, as required;

Explains procedure to patients and instructs them during procedure, recording unusual reactions;

Arranges for contracted service and repair of equipment, as appropriate;

Orders and stores needed supplies, parts and equipment.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of national standards and procedures used in performing electroencephalographs; knowledge of human anatomy, particularly of the brain and neurological system; skill in the operation, maintenance and repair of complex electronic units used in EEG procedures; ability to distinguish abnormal brain waves; ability to understand, follow and convey complex technical instruction; accuracy; thoroughness; dependability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: High school or equivalency diploma and either: (a) Satisfactory completion of 60 college credits* and two years of experience in an approved medical or hospital setting primarily working with electroencephalographic equipment; or (b) four years of experience in an approved medical or hospital setting, two years of which must have primarily involved working with electroencephalographic equipment; or (c) a satisfactory equivalent combination of training and experience as stated in (a) and (b).

*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.