BOARD OF REGENTS
STATE OF IOWA

REGENT MERIT SYSTEM

Class Title: Electroneurodiagnostic   **Class Code:**   3304
             Technician III   **Pay Grade:**   415

GENERAL CLASS DESCRIPTION:

Under general supervision with minimal need for professional staff consultation, selects, constructs, modifies and maintains electronic equipment while providing medical patient care, testing and instruction. Performs electroneurodiagnostic tests for patients exhibiting a variety of physical and mental states, exercising judgment and initiative. Provides instruction and functional supervision to technologists and trainees. Assumes responsibility for designated areas and projects. Serves on a regular, stand-by and on-call basis.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1.   Performs all procedures required of Electroneurodiagnostic Technologist I and II classes.

2.   Provides assistance and directs staff in problem solving and troubleshooting to non-routine situations.

3.   Assumes responsibility for assigned projects and develops methods of attaining unit goals.

4.   Projects laboratory equipment and supply needs and maintains inventories.

5.   Assists in developing new procedures and protocols.

6.   Assists in scheduling work and assigning priorities for students/trainees and other support staff.

7.   Serves as instructor for student/trainees, evaluating performance and providing reports as assigned.

8.   Analyzes and plans the utilization of space, staff and equipment.

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed, nor is it intended that related duties cannot be required.

KNOWLEDGES, SKILLS AND ABILITIES:

1. Knowledge of electroneurodiagnostic techniques used in peripheral and central nervous system monitoring.

2. Knowledge of neurological, psychiatric, pediatric, metabolic and trauma disorders.

3. Knowledge of neuroanatomy and its application to the understanding of the patient's condition.

4. Skill in operating computerized electrophysiological instrumentation requiring a knowledge base of analog-to-digital conversion.

5. Knowledge of maintenance requirements of specialized EEG equipment.

6. Knowledge of neurological and electrodiagnostic terminology, scientific notation, and general medical terminology.

7. Knowledge of electrical safety and interfaces with various electrical systems.

8. Ability to communicate with physicians, nurses, and other allied health personnel.

9. Ability to transport equipment weighing 350-400 lbs.

10. Ability to visually recognize minute electroneurophysiological activity and changes, and to predict appropriate testing methods.

11. Ability to teach and instruct others.

12. Ability to coordinate and direct activities within designated areas of responsibility.

MINIMUM ELIGIBILITY REQUIREMENTS:

1. Registration and certification by the American Board of Registration of EEG/EP Technologist (ABRET), Parts I and II.

2. Satisfactory completion of a two-year degree program in electroneurodiagnostic technology, or equivalent training and experience.

3. Two years experience as Electroneurodiagnostic Technologist II, or equivalent experience in a variety of testing modalities.

4. Minimum of five years supervisory experience.

REVISION EFFECTIVE: July 1, 1993