

**BOARD OF REGENTS
STATE OF IOWA
REGENT MERIT SYSTEM**

Class Title: Laboratory Mechanical Technologist

Class Code: 3711

Pay Grade: 410

GENERAL CLASS DESCRIPTION:

Under general supervision, coordinates instructional facilities of teaching and clinical laboratories.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. Independently develops both standard and original experimental apparatus and components for the entire range of the program. This includes the fields of optics, thermodynamics, mechanics, acoustics, nuclear physics and medical departments.
2. Draws, designs, and reads circuit diagrams and repairs standard electronic laboratory equipment.
3. Assembles new electronic components at the suggestion of instructors.
4. Assembles apparatus and distributes to other laboratories.
5. Stores and maintains all equipment used in work area.
6. Repairs and/or arranges for the repair of electronic, mechanic, electrical, optical or medical apparatus.
7. Orders supplies and expendable items for teaching or clinical laboratories.
8. Assists in the assembly and set-up of laboratories for use in teaching students or other staff and professional personnel.

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.

Class Title: Laboratory Mechanical Technologist

Class Code: 3711

Pay Grade: 410

9. Gives functional guidance in the use of laboratory equipment.
10. Operates equipment in assigned work area as required.

KNOWLEDGES, SKILLS, AND ABILITIES:

1. Knowledge of equipment and methods used in laboratory and maintenance work.
2. Knowledge of safe working practices.
3. Ability to use proper lifting and bending techniques.
4. Ability to understand and follow verbal and written instructions.
5. Ability to read and understand plans and specifications.
6. Ability to use and care for tools and equipment essential to maintenance and repair work.
7. Ability to communicate effectively orally and in writing.
8. Ability to accurately perform mathematical calculations.
9. Ability to maintain an accurate system of records.
10. Ability to ascertain specific needs of clients and prepare necessary drawings and specifications.
11. Ability to deal effectively and tactfully with clients.

MINIMUM ELIGIBILITY REQUIREMENTS:

Five years of directly related experience.

REVISION EFFECTIVE: August 1, 2000