

# BOARD OF REGENTS STATE OF IOWA

## REGENT MERIT SYSTEM

**Class Title:** Electronics Technician I

**Class Code:** 3401

**Pay Grade:** 412

### **GENERAL CLASS DESCRIPTION:**

Under general supervision, constructs, modifies and maintains electronic equipment used for instruction, research, medical patient care, or other university programs and services.

### **CHARACTERISTIC DUTIES AND RESPONSIBILITIES:**

1. Builds custom electronic equipment according to designs prepared by engineers or supervisory personnel. Assists in preparing schematic and wiring diagrams.
2. Repairs developmental and production electronic equipment such as computers oscilloscopes and X-ray equipment after consultation regarding diagnosis of the repair problem.
3. Modifies functions of various equipment to conform to specific requirements.
4. Performs preventative maintenance on equipment and electronic instruments.
5. Calibrates and adjusts electronic equipment to insure optimum performance.
6. Attends conferences and workshops to keep abreast of developments in the field.

### **KNOWLEDGES, SKILLS AND ABILITIES:**

1. Knowledge of the principles, methods and techniques used in the electronics field.

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.

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2. Knowledge of the tools and equipment of the electronics field and skill in their safe use.
3. Knowledge of the occupational hazards and safety precautions of the field.
4. Ability to follow written and oral instructions.
5. Ability to communicate effectively with staff, students and the public.
6. Ability to perform preventive maintenance and repairs on electronic equipment.

**MINIMUM ELIGIBILITY REQUIREMENTS:**

Graduation from a two-year resident electronics trade school, or any combination of training and experience from which comparable knowledge and ability can be acquired.

**REVISION EFFECTIVE: April 1, 2004**

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