

**ELECTRONICS TECHNICIAN**

**DEFINITION**

To install, repair, and maintain electronic, electro-mechanical and mechanical equipment.

**DISTINGUISHING CHARACTERISTICS**

This is the journey level class in the Electronics Technician series. Positions in this class are assigned a wide variety of installation, maintenance and repair duties on electronic, electro-mechanical and mechanical equipment. Work at this level is distinguished from that of the Senior Electronics Technician by the standard and prescribed nature of duties, the level of complexity and difficulty of the assignments and the degree of independence and judgment with which an incumbent is expected to perform.

**SUPERVISION RECEIVED AND EXERCISED**

Receives general supervision from the departmental manager.

May exercise technical or functional supervision over student assistants.

**EXAMPLES OF DUTIES**

Duties may include, but are not limited to, the following:

Maintain and repair projection equipment, audio announcing equipment, and electro-mechanical equipment.

Maintain and repair video equipment; maintain a file on all equipment repaired.

Repair portable video systems.

Maintain storage facility and inventory equipment; purchase, design, and modify equipment.

Assist instructors in performing demonstrations and assist students with lab problems.

Maintain and repair electrical test equipment set up and align video and audio equipment for recording.

Maintain and repair audio recording and playback equipment.

Assist in developing, administering and monitoring the budget.

Perform related duties as assigned.

**MINIMUM QUALIFICATIONS**

Knowledge of:

Electronic theory and practices.

Tools, materials, and equipment used in the repair and maintenance of electronic equipment.

Soldering and de-soldering techniques.

(Over)

Knowledge of: (Continued)

Proper procedures for the repair, overhaul and maintenance of a variety of electronic, electro-mechanical, and mechanical equipment.

Safety precautions to be observed in the maintenance of electrical equipment.

Principles of purchasing, inventory, and budgeting.

Skill to:

Perform skilled work in the repair, maintenance and adjustment of electronic, electro-mechanical, and mechanical equipment.

Use Precision tools skillfully and perform exacting work in the repair and overhaul of audio-visual equipment.

Maintain simple records.

Follow verbal and written directions.

Establish and maintain cooperative work relationships with students and faculty.

Instruct others in the use of equipment.

Operate electronic measuring instruments.

Experience and Training

Any combination of experience and training that would likely provide the required knowledge and skills is qualifying. A typical way to obtain the knowledge and skills would be:

Experience:

Two years of experience in the repair and maintenance of electronic, electro-mechanical, and mechanical equipment.

Training:

Equivalent to graduation from a community college or trade school with a major in electronics or a closely related field, supplemented by specialized training in the field to which assigned.