

## **ELECTRONIC TECHNICIAN JOURNEY LEVEL**

### **DEFINITION:**

Under general supervision, to perform skilled journey level work in the installation, maintenance, and repair of low voltage electrical and electronic equipment and systems, such as clocks, time clocks, bell systems, alarm systems, public address systems, speakers, etc., and to perform other job-related duties as required.

### **EXAMPLES OF DUTIES:**

Installs, alters, maintains, and repairs a variety of low voltage electrical and electronic equipment and systems. Troubleshoots, diagnoses and repairs low voltage electrical and electronic equipment and systems which are malfunctioning. Installs wiring for low voltage electrical and electronic equipment and systems.

Prepares estimates of time and materials for installation and repair of low voltage electrical and electronic equipment and systems. Interprets plans, specifications and schematics for low voltage electrical and electronic equipment, circuits, and systems. Checks for conformity with codes, regulations and safe practices in the installation, alteration and repair of low voltage electrical and electronic equipment.

Performs electronic technician bench work on a variety of low voltage electrical and electronic equipment and systems. Keeps accurate records. Procures materials, parts and accessories as needed.

May perform occasional light electrical wiring, repair and troubleshooting.

### **QUALIFICATIONS:**

Knowledge of:

The tools, materials, and materials involved in the installation, alteration, maintenance of low voltage electrical and electronic equipment and systems; the kinds of low voltage electrical and electronic equipment and systems commonly found on public buildings such as schools; the skills, codes, and safe practices of low voltage electrical and electronic work.

Ability to:

Use electrical tools and materials skillfully and safely; Read and follow plans and  
Accurately perform the necessary arithmetic computations; Work under supervision;  
Follow oral and written directions; Work cooperatively with others encountered at work.

Education:     Combination of training and experience equivalent to completion of an Associate of Arts degree in electrical and electronics equipment and systems.

Experience:    One year of experience as a fully trained electrical and electronics tradesperson.

**NOTE:**        Possession of a valid California driver's license with no restrictions which would preclude driving on the job is a continuous requirement.

Salary Range: 81

N: 9/98