

VISTA UNIFIED SCHOOL DISTRICT

CLASS TITLE: ELECTRONICS TECHNICIAN

BASIC FUNCTION:

Under the direction of the Maintenance Supervisor, perform the installation, inspection, maintenance and repair of security alarms, master clocks, and other electronic systems throughout the District.

REPRESENTATIVE DUTIES:

Perform repairs and maintenance to the component level on systems and equipment including fire alarms, life safety systems, intercommunication, master clocks and other systems as assigned. **E**

Perform tests and troubleshooting procedures utilizing electronic and electrical instruments such as a Fluke 79 multimeter, signal test meter, laptop computer for testing, and others. **E**

Perform preventative maintenance on equipment/systems to assure optimum operating condition; remove and replace defective devices and underground wiring; remove, repair, clean or replace malfunctioning components. **E**

Develop and revise preventive maintenance procedures and perform setup installation and adjustments for newly acquired equipment. **E**

Provide coordination between the District and contractors associated with purchases, installations and repairs of equipment and systems. **E**

Provide recommendations for replacement, modifications and additions related to assigned equipment/systems. **E**

Maintain installation, repair and maintenance records of assigned equipment/ systems. **E**

Estimate time and materials for projects as assigned. **E**

Maintain appropriate parts inventory; order, prepare requisitions or requests for parts and supplies. **E**

Perform related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Electronics principles and applications, including semi-conductors and digital and analog circuits.

Applied theory, preventive maintenance requirements and troubleshooting techniques.

Various test equipment and tools related to electrical/electronic repairs and servicing.

Safety requirements associated with electrical and electronic equipment/systems related to servicing, repairs and general safety standards.

ABILITY TO:

Analyze, troubleshoot and perform repairs to complex electrical and electronics circuits, which include intercoms and PA systems, fire and security alarms, video systems and clock systems. Communicate with customers and staff.

EDUCATION AND EDPERIENCE:

Any combination equivalent to: Associate's Degree or equivalent in electronics and four years related field experience.

LICENSES AND OTHER REQUIREMENTS:

Valid California driver's license.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor/outdoor environment; driving a vehicle to conduct work.

PHYSICAL ABILITIES:

Climbing ladders.

Walking, sitting or standing for extended periods of time.

Lifting moderately heavy equipment.

Dexterity of hands and fingers to operate various tools and equipment as assigned.

Reaching overhead, above the shoulders and horizontally.

Bending at the waist, kneeling or crouching.

Heavy physical labor.

HAZARDS:

Working at heights.

