

## CAJON VALLEY UNION SCHOOL DISTRICT

### CLASS TITLE: ELECTRONICS TECHNICIAN

#### BASIC FUNCTION:

Under the direction of the Director-Facilities, Maintenance and Operations, perform a variety of - (Ac1q)urAt [( p)2qquAc1qAhimn1qulosele  
monitors, overhead projectors and other audio-visual systems; troubleshoot and resolve audio-visual equipment malfunctions; replace defective parts and components as needed.

Inspect, repair, install, test, maintain and replace a variety of electronic devices, equipment and systems such as conduit, cabling, wiring and intrusion and fire alarm, communication, intercom and clock systems; assure compliance with building codes applicable to electronics.

Troubleshoot and diagnose electrical malfunctions; make appropriate repairs to electronic assemblies, devices and equipment; trace out wiring, perform diagnostic tests on system components and replace defective wires and parts; determine and recommend repair work is to be done by outside technicians.

Set up, repair, and maintain video recorders, cameras, television equipment, cable television systems and other office electronics.

Estimate labor, material and equipment needed for assigned projects; research electronic devices, equipment and systems to provide recommendations concerning system replacements, modifications, additions and related purchases; monitor inventory levels of materials and equipment; order, receive and maintain inventory of materials and equipment as needed; maintain



Organize and schedule electronic and communication work.  
Work from sketches, diagrams, blueprints, plans and specifications.  
Maintain various records related to work performed.  
Work independently with little direction.  
Determine material, equipment and supply needs.  
Observe health and safety regulations.  
Interpret, apply and explain applicable building codes, ordinances, fire regulations and safety precautions.  
Understand and follow written and oral instructions.

**EDUCATION AND EXPERIENCE:**

Any combination equivalent to: high school graduation or equivalent, and supplemented by completion of an approved apprenticeship program in the electronics trade and two years journey-level experience in the installation, maintenance and repair of electronic and communication systems, devices and equipment.

**LICENSES AND OTHER REQUIREMENTS:**

Valid California driver's license and the ability to maintain qualification for district vehicle insurance coverage.

**WORKING CONDITIONS:**

**ENVIRONMENT:**

Indoor and outdoor work environment.  
Regular exposure to fumes, dust, dirt, oil and grease.  
Driving a vehicle to conduct work.

**PHYSICAL DEMANDS:**

Dexterity of hands and fingers to operate a variety of tools and equipment.  
Seeing to perform maintenance duties.  
Hearing and speaking to exchange information.  
Lifting, carrying, pushing or pulling heavy objects as assigned by the position.  
Reaching overhead, above the shoulders and horizontally.  
Bending at the waist, kneeling or crouching.  
Climbing ladders and working from heights.  
Sitting or standing for extended periods of time.

**HAZARDS:**

Working around and with machinery having moving parts.  
Working at heights.  
Electrical power supply and high voltage.  
Climbing ladders and working from heights.  
Standing for extended periods of time.

**CLEARANCES:**

Criminal Justice Fingerprint/Background  
Tuberculosis  
Pre-placement Physical and Drug Screen