



## **JOB TITLE: ELECTRONICS TECHNICIAN II**

Classification: Classified  
Salary Range: 37

Retirement Type: PERS\*  
Revised/Board Approved: October 18, 2004

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### **BASIC FUNCTION:**

Under the direction of an assigned supervisor, provide instructional support by performing major and minor repairs to electronic equipment including micro-computers, audio visual and electro-mechanical equipment; design, lay out and construct test fixtures.

### **DISTINGUISHING CHARACTERISTICS:**

The Electronics Technician II is the advanced level class in the series. Incumbents repair and maintain micro-computers, audio visual equipment, and other digital logic equipment. The Electronics Technician I performs skilled work in the repair and maintenance of electro-mechanical and electronics equipment.

### **REPRESENTATIVE DUTIES:**

Perform skilled work in the installation, repair and maintenance of electronic and electro-mechanical equipment including audiovisual equipment, micro-computers and other digital logic equipment.

Calibrate, design and construct test fixtures and other related equipment as needed.

Diagnose and troubleshoot personal computers.

Install software and hardware on personal computers.

Maintain electro-mechanical equipment for other divisions.

Test, maintain and repair digital logic equipment and systems including micro-computers; isolate, identify, resolve and repair equipment failures and malfunctions.

Maintain equipment repair and calibration records; assist in preparing the annual budget as assigned.

Maintain and operate various tools and electronic testing equipment used in electronics and repair and maintenance.

Assure compliance with federal, state and local codes and appropriate safety procedures.

Work from sketches, plans, drawings, blueprints and specifications.

Performs other related duties as assigned or requested.

### **JOB QUALIFICATIONS:**

#### Education and Experience:

Any combination equivalent to: two years of college course work in electronics and three years experience in the maintenance and repair of electronic equipment.

**OTHER QUALIFICATIONS:**Knowledge/Areas of Expertise:

Advanced computer repair and operation.  
Advanced electronic test equipment.  
Electronic calibration standards.  
Test equipment troubleshooting, repair and calibration techniques.  
Electronic schematics and component identification.  
Basic digital logic.  
Modern inventory and budgeting techniques.  
Safe shop practices.

Abilities/Skills:

Perform skilled work in the repair and maintenance of audiovisual equipment, micro-computers and other electro-mechanical equipment.  
Repair and fault isolate using electronic schematics and parts layouts.  
Document equipment repairs.  
Analyze situations accurately and adopt an effective course of action.  
Understand and follow oral and written directions.  
Establish and maintain cooperative and effective working relationships with others.  
Diagnose and repair equipment malfunctions.  
Operate hand and power tools in a safe and correct manner.  
Work from sketches, plans, drawings and specifications.  
Maintain inventory and routine records.

**WORKING CONDITIONS:**

Manual dexterity and ability to work in cramped situations.  
Lift and carry up to 50 lbs.  
Indoor and outdoor work  
Twisting and bending required.

\* Previous employment performed in a different public retirement system may allow eligibility to continue in the same retirement system.