



# Electronics Technician I

Salary Group: A15

Class Code: 9060

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
ELECTRONICS TECHNICIAN I	9060	A15	\$32,976 - \$52,045
ELECTRONICS TECHNICIAN II	9062	A17	\$36,976 - \$58,399
ELECTRONICS TECHNICIAN III	9064	A19	\$42,244 - \$68,960

## GENERAL DESCRIPTION

Performs moderately complex (journey-level) electronics technical support work. Work involves installing, diagnosing, maintaining, and repairing electronics; and calibrating electronic instruments. May provide guidance to others. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Installs, maintains, and inspects electronics, such as communications, computers, or instrumentation control equipment.

Performs diagnostic tests on electronic components to determine functioning level and capacity.

Diagnoses and repairs defective parts or components; and tests components and instrument function to verify, calibrate, and certify the reliability of measurements.

Designs and develops simple electrical and electronic components, equipment, and systems.

Maintains repair parts and tools inventory and technical files.

May construct or calibrate specialized electronic equipment.

May prepare instructional materials and aids, and may provide training in electronic repair techniques.

May record diagnostic and repair activities of electronics.

May provide guidance to others.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in installing, diagnosing, repairing, and maintaining electronic equipment. Graduation from a two-year college with major coursework in electronic technology or graduation from an accredited vocational or technical school of electronics is generally preferred. Experience and education may be substituted for one another.

### **KNOWLEDGE, SKILLS, AND ABILITIES**

Knowledge of electronics and electronic test equipment and tools, of procedures for troubleshooting and maintaining electronic instruments, and of electronic safety precautions and procedures.

Skill in the use of test equipment and tools to make repairs, and in reading gauges and indicators to ensure that equipment is functioning properly.

Ability to understand and follow instructions, to understand and interpret electrical and/or signal schematic diagrams and technical reference material, to understand and apply the principles used in electronic equipment, to communicate effectively, and to provide guidance to others.

### **REGISTRATION, CERTIFICATION, OR LICENSURE**

May require certification as an electronics technician.