



# Electronics Technician I

Salary Group: A16  
Class Code: 9060

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
<b>ELECTRONICS TECHNICIAN I</b>	<b>9060</b>	<b>A16</b>	<b>\$40,918 - \$61,130</b>
ELECTRONICS TECHNICIAN II	9062	A18	\$45,521 - \$71,055
ELECTRONICS TECHNICIAN III	9064	A20	\$51,158 - \$81,351
ELECTRONICS TECHNICIAN IV	9066	A22	\$57,614 - \$93,138

## GENERAL DESCRIPTION

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

## DISTINGUISHING CHARACTERISTICS

The Electronics Technician job classification series is intended for employees that install, maintain, and repair electronic equipment. Electronic equipment may also include televisions; cameras and body worn cameras; transmitters; antennas; and communications, lighting, sound, video, security, navigation, or surveillance equipment and systems on vehicles, vessels, and aircraft. In contrast, the Telecommunications Specialist job classification series focuses on the configuration and repair of the telecom infrastructure, which includes video, data, and voice communication systems. The Telecommunications Specialist job class series handles different types of communications technology. The Radio Communications Technician job classification series focuses on maintaining and repairing radio communications equipment.

## EXAMPLES OF WORK PERFORMED

Installs, maintains, and inspects electronics such as communications, cameras, lighting, sound, security, 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.

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, procedures for troubleshooting and maintaining electronic instruments, and electronic safety precautions and procedures.

Skill in the use of test equipment and tools to make repairs, and 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, and to communicate effectively.

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

May require certification as an electronics technician.