



# Radio Communications Technician II

Salary Group: A15  
Class Code: 9704

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
RADIO COMMUNICATIONS TECHNICIAN I	9700	A13	\$32,439 - \$49,388
<b>RADIO COMMUNICATIONS TECHNICIAN II</b>	<b>9704</b>	<b>A15</b>	<b>\$35,976 - \$55,045</b>
RADIO COMMUNICATIONS TECHNICIAN III	9706	A17	\$39,976 - \$61,399

## GENERAL DESCRIPTION

Performs complex (journey-level) radio communications technical work. Work involves installing, maintaining, programming, and repairing base station and control antenna systems and communications, microwave, control, audio, and associated equipment. May provide guidance to others. Works under general supervision, with limited latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Installs two-way radio mobile transceivers, electronic sirens, emergency lighting systems, mobile video systems, computer equipment, and associated electronic equipment.

Installs, maintains, and repairs two-way base communications, microwave, audio, control, antenna, transmission line, and associated electronic equipment.

Installs microwave and control consoles at base station and repeater sites.

Tests operational capabilities of mobile installations.

Provides ground assistance for base station, radio tower, microwave antenna, and transmission line installations.

Programs mobile, portable, and fixed radio equipment.

Maintains and repairs radio communications towers, guy-wires, lighting, and associated electronic control equipment.

Maintains, troubleshoots, repairs, and aligns communications, microwave, control, audio, speed measuring, test, and associated electronic equipment.

Maintains, repairs, and adjusts equipment in vehicles and stations to precision tolerances specified by the Federal Communications Commission.

Assists in procuring repair parts and equipment.

May construct special electronic and test equipment.

May provide guidance to others.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in radio installation, maintenance, and repair work. Graduation from a standard senior high school or equivalent, supplemented by courses in communications and electronics, is generally preferred. Experience and education may be substituted for one another.

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

Knowledge of electricity, electronics, and automotive electrical systems; installation and repair of mobile and fixed radio equipment; base station antenna, microwave antenna, transmission lines, and associated equipment; antenna orientation and radiating patterns; and Federal Communications Commission rules and regulations.

Skill in the use of maintenance, testing, and repair tools and equipment.

Ability to install and maintain radio and associated electronic equipment; to detect and eliminate trouble in radio transmitters, receivers, and other electronic devices; to interpret schematic diagrams and technical reference materials; to communicate effectively; and to provide guidance to others.

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

May require a Federal Communications Commission General Radiotelephone Operator License (PG).