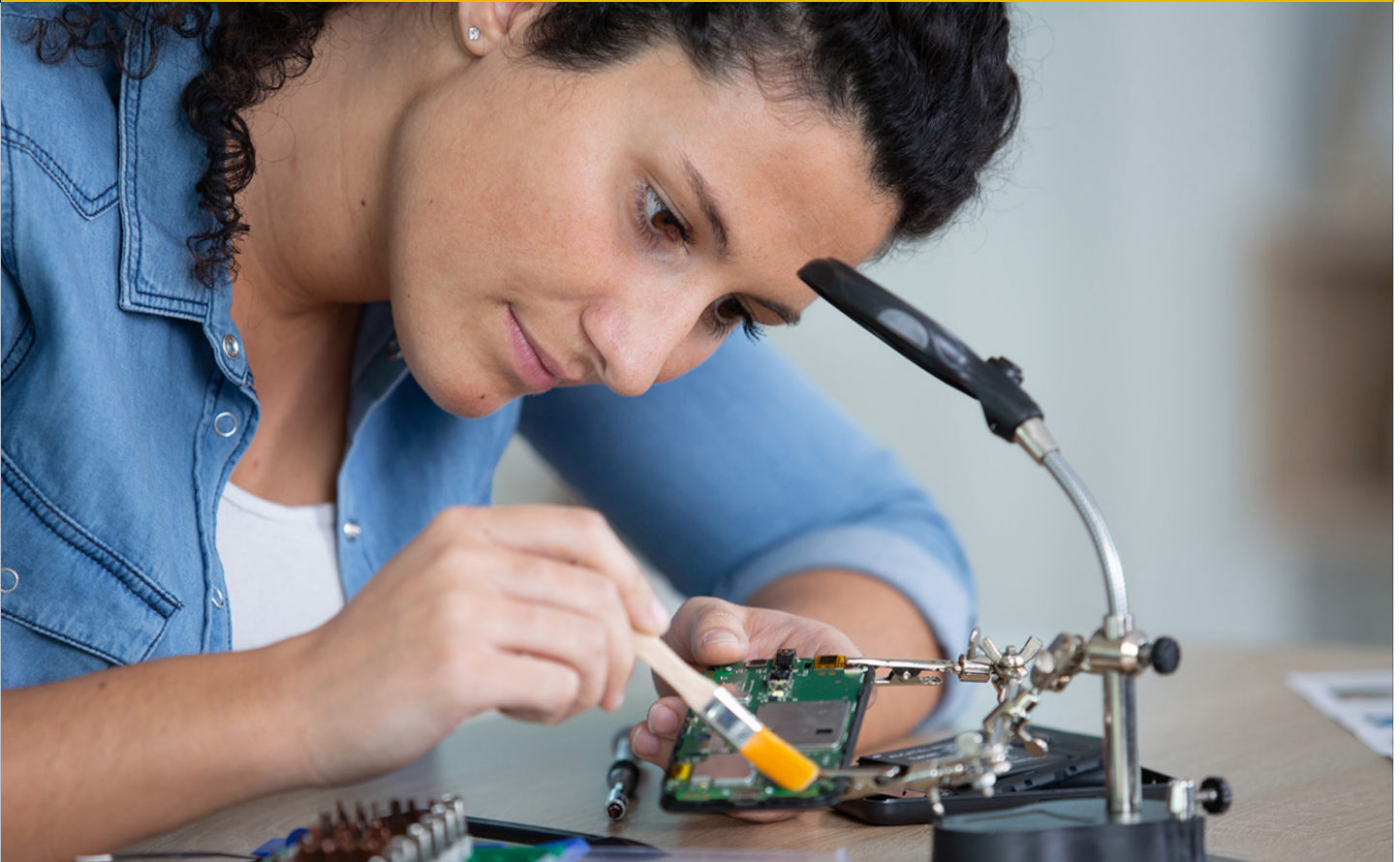




ELECTRONICS TECHNICIAN



At the Federal Bureau of Investigation (FBI), electronics technicians provide essential, technical support to all FBI field offices. They're responsible for the design, installation, and maintenance of complex electronic systems and interrelated subsystems. They're also responsible for the Department of Justice (DOJ) land mobile radio systems, data network systems, and electronic security systems within all FBI field offices and facilities. This is not a desk job and is rarely mundane.

An Inside Look

This important work requires knowledge of data networks, radio frequency (RF) theory, and electronic troubleshooting skills. Electronics technicians should also have knowledge of techniques, theories, and characteristics of electronics, such as basic electronics and electronic theory, algebra, and elementary physics. Our electronics technicians are

skilled in electronic equipment design, development, evaluation, testing, installation, and maintenance. They're knowledgeable in the capabilities, limitations, operations, design, characteristics, and functional use of a variety of types and models of electronic equipment and systems related to electronic engineering.



STAYING CURRENT

Qualified applicants should possess basic electronics knowledge through experience or training, preferably with certification, background, or skills in the following:

- DC circuits
- AC circuits
- Solid-state devices
- Digital circuits
- Integrated circuits
- Microprocessors
- Microcontrollers
- Programmable logic controllers

Electronics technicians maintain the land mobile radio (LMR) systems, data network systems, and electronic security systems within all 56 FBI field offices and support LMR for all DOJ law enforcement agencies, the DEA, USMS, and ATF. They also handle all interoperability requirements with state and local law enforcement.

Electronics Technician Trainees

Interested individuals seeking electronics technician roles can train with us if they have at least:

- Six electronics education credit hours with lab work in direct current (DC) circuits, alternating current (AC) circuits, solid-state devices, digital circuits, integrated circuits, microprocessors, microcontrollers, and programmable logic controllers.

OR

- Two years of work experience in radio systems, data networks, or physical security systems.

Training with us will help you better prepare and qualify for a permanent electronics technician position.

Areas of Focus

The FBI Electronics Technician Program is divided into the following major disciplines:

- Radio Systems
- Physical Security Systems
 - Alarm Systems
 - Access Control Systems
 - Video Security Systems
- Secure Data Networks
- Tactical Programs