

ELECTRONIC TECHNICIAN TITLE SERIES DEFINITIONS

I. DEFINITIONS

ELECTRONIC TECHNICIAN

This is **entry** level work, under close progressing to limited supervision, for positions performing the full range of complex general electronic technician work as described at the Electronic Technician Senior level.

This is the **objective** level for positions responsible for the 1) installation and maintenance of complex wireless communication and emergency warning equipment or data and voice wiring systems. Job duties for the communication and emergency warning equipment include installing electrical wiring, cables, modules, fuses, sirens, mobile data computer docking stations, radio consoles, switch panels, two-way antennas, two-way radios, radio frequency modems, and roof lights; testing and repairing public safety equipment; and maintaining records associated with the installation program; 2) positions responsible for the data and voice wiring systems perform job duties which include installing and maintaining data and voice wiring systems, classroom computer and multi-media stations, room audio/video control systems, fiber optic video systems, telephone systems, distance education multi-media and communication equipment, wiring for card systems, and maintaining and repairing wiring systems and electronic support equipment; and, 3) positions that do not perform the full scope of work found at the Electronic Technician Senior level, but may perform portions of the work, such as primary responsibility for the repair of equipment. Work is performed under general supervision.

ELECTRONIC TECHNICIAN - SENIOR

Positions in this title work on complex electronic systems. The electronic equipment can include building maintenance systems, data collection systems, computerized energy monitoring systems, variable frequency drive HVAC systems, refrigeration systems, electronic boiler controls, greenhouse environmental control systems, elevators, testing equipment, electronic smoke detectors and fire alarms, microprocessor controlled equipment, and air monitor units equipment. A limited amount of time may also be spent on master clock systems, audio visual equipment, photocopiers and dupli-copiers, microscopes, paging systems, coin operator units, or lab equipment.. Positions are responsible for installing, maintaining, troubleshooting, writing programs, calibrating, fabricating, and repairing electronic equipment to the component level; interfacing software and instrumentation equipment with electronic equipment; maintaining records and schematics of electronic component parts; and ordering parts. Positions at this level may act as a lead worker for entry level positions.

II. QUALIFICATIONS

The qualifications required for these positions will be determined at the time of recruitment.

III. RELATED POSITIONS

Electronic Technician – Research
Electronic Technician – Media
Electronic Technician – Security
Electronic Technician – Specialized
Network Technician