

AUDIO-VISUAL REPAIR TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS:

The work involves responsibility for the installation, maintenance, testing and repair of various types of audio visual electronic equipment. Work is performed under general supervision and in accordance with established programs and policies. Supervision is not a requirement of this position. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Installs, maintains, modifies and repairs electrical and audio visual electronic component equipment and associated circuits, including audio equipment, closed circuit television, public address systems, tape recorders, projection equipment intercoms, etc; Installs and tests public address systems, intercom units and master antenna systems; Checks electronic equipment schematics to locate defective components or circuits; Uses electronic testing equipment such as an oscilloscope, signal generator, marker generator, frequency counter and multi-meter in the performance of repair work; Repairs or replaces tubes, transistors, circuits or mechanical components as needed; Establishes priorities as to repairs and schedules the work routine for maximum use of time and equipment; Keeps records of all, repairs and preventative maintenance performed on all pieces of equipment; Orders parts and keeps an inventory record.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles and practices of electronic technology as applied to trouble shooting procedures and preventative maintenance; good knowledge of electronic circuitry including transistorized and integrated circuits; good knowledge of all types of audio visual electronic equipment including television sets and cameras, color and black and white video tape recorders, audio tape recorders (cassette, reel and 8 track),

16 and 8 mm projectors, slide projectors, radios (AM and FM), stereo amplifiers, etc.; good knowledge of all types of electronic test equipment and its proper application; ability to read and interpret circuit diagrams; ability to design or modify simple circuits; ability to isolate electronic malfunctions quickly and accurately; ability to follow written and oral instructions; dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: EITHER

- A. Graduation from a regionally accredited or New York State registered college or university with an Associate's Degree in electronic technology and 1 year of full-time work experience in the installation and maintenance of audio visual equipment; or
- B. Graduation from high school or possession of a high school equivalency diploma and 4 years of full-time work experience in the installation and maintenance of audio-visual electronic equipment; or
- C. Any combination of training and experience as defined by the limits of (A) and (B).