

AUDIO-VISUAL TECHNICIAN

TOMPKINS COUNTY

Department BOCES
Classification Competitive
Labor Grade _____
Approved 12/1/73
Revised 2/85;8/85;2/93;7/94
By HH, Commissioner of Personnel
BBP Risk Factor _____

DISTINGUISHING FEATURES OF THE CLASS: This is technical work involving responsibility for the repair, maintenance and operation of a variety of audio-visual, microcomputer and communications equipment. Work is performed under general supervision of the Director of Instructional Support Services, allowing wide leeway for the exercise of independent technical judgment. Does related work as required.

TYPICAL WORK ACTIVITIES:

Installs, troubleshoots, repairs and rebuilds microcomputer hardware, network hardware, network software, system software and application software including but not limited to the following computers: Amigas, Apples, Apple Macintoshes, Commodores, and IBM Compatibles;
Repairs, adjusts, calibrates and cleans all audio-visual and microcomputer equipment;
Troubleshoots, tests and repairs microcomputers, disc drives, printers, monitors and other related equipment;
Analyzes and repairs electronic defects with the use of oscilloscopes, ohmmeters, multimeters, signal generators, signal tracers, tube checkers and other test equipment;
Tunes circuits and corrects mechanical difficulties on audio-visual equipment;
Installs and maintains communication systems including but not limited to public address and telephone systems;
Checks and adjusts television receivers and makes repairs if necessary;
May operate still, motion picture, and television cameras;
May demonstrate and instruct students and teachers in the use of new audio-visual and computer equipment;
Performs field repairs to television receivers, microcomputers, and other audio-visual equipment at various schools in the BOCES district;
Provides telephone support for microcomputer and audiovisual problems;
Keeps records and makes reports.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the repair and maintenance of television microcomputer and other audio-visual equipment;
Good knowledge of the principles of electronics and their application to the repair of equipment and systems;
Good knowledge of the tools, terminology, and safety precautions involved in the repair of audio-visual, microcomputer and communications equipment;
Good knowledge of the theory of sound projections;
Possession of sufficient motor skills, manual dexterity and hand/eye coordination (or otherwise demonstrate the ability) to adequately perform the duties of the job;

CONTINUED NEXT PAGE

AUDIO-VISUAL TECHNICIAN (Continued)

MINIMUM QUALIFICATIONS: EITHER:

- (a) Graduation from a regionally accredited or New York State registered two year college with an associates degree in electronics or related field and two years of full-time paid (or the equivalent part-time and/or volunteer) experience in the repair of audio-visual equipment; **OR**
- (b) Graduation from high school or possession of a high school equivalency diploma and four years of full-time paid (or the equivalent part-time and/or volunteer) experience in the repair of audio-visual equipment; **OR**
- (c) Any equivalent combination of training and experience as described in (a) and (b) above.