MICRO-COMPUTER/AUDIO-VISUAL EQUIPMENT REPAIR TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: This is a technical position involving responsibility for performing and/or testing, repair and maintenance of a variety of micro-computer and audio-visual equipment used in a school district. This class differs from that of Audio-Visual Equipment Repair Technician, because of the greater range and more complex nature of repairs performed. The work is performed under general supervision, with leeway allowed for the exercise of independent judgment in carrying out the technical details of the work. Supervision may be exercised over the work of student assistants or trainees. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

-Performs repair, adjustment, calibration and cleaning of audio-visual equipment including phonographs, filmstrip, slide, overhead and motion film projectors, tape and video tape recorders, television receivers, public address amplifiers and shop test equipment;

-Repairs, tests and installs micro-computers on a free-standing or local area network basis, including wiring to connect monitors and printers;

-Communicates with school district administrative staff concerning their specific needs for changes or additions to their buildings in the micro-computer/audio-visual equipment area;

-Tests sound, projection and electronic equipment with standard testing instruments;

-Performs repair, delivery and installation of closed circuit and off air television receivers, including wiring into public address systems in district schools;

-Repairs and maintains video tape recorders, closed-circuit television cable systems and related equipment;

-Orders and maintains an inventory of supplies and repair parts for educational television, audio-visual and micro-computer repairs;

-Analyzes repair need for microcomputers and other electronic equipment, which cannot be resolved by other technicians;

-Maintains current maintenance manuals, parts lists and equipment schematics;

-May provide videotaping services for the district;

-Assists in demonstrating and instructing teachers in use of microcomputer, closed-circuit television and other audio-visual equipment;

-Maintains service and repair records of school-owned equipment.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the repair and maintenance of closed-circuit television, audio, stereo and micro-computer equipment; good knowledge of the testing, alignment and maintenance of micro-computer, audio, television, and stereo equipment; good knowledge of the tools, terminology and safety precautions involved in television, audio-visual and micro-computer equipment repair and maintenance; good knowledge of the operation and maintenance of sound motion picture projectors, tape recorders, micro-computers and related equipment; good knowledge of basic electronics, including wiring diagrams, schematics and use of electronic test equipment; ability to install, repair, alter and maintain a variety of electronic and audio-visual equipment; good hand and eye coordination; mechanical aptitude.

MINIMUM QUALIFICATIONS:

EITHER **(A)** Graduation from a regionally accredited or New York State registered two-year college or technical institute with an Associate's Degree in electronic or electrical technology, micro-computer technology, audio technology or a related field **AND** one (1) year experience in the repair, installation and testing of micro-computer, television, electronic and/or audio-visual equipment;

OR **(B)** Graduation from high school or possession of a high school equivalency diploma **AND** three years of experience, as outlined in **(A)** above;

OR **(C)** An equivalent combination of training and experience, as defined by the limits of **(A)** and **(B)** above.

NOTE: Verifiable part-time and/or volunteer experience will be pro-rated toward meeting full-time experience requirements.