

## TELEVISION MAINTENANCE ENGINEER

Code No: 5-20-007

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is an important technical position involving responsibility for the preventive maintenance repair, design and installation of various electrical sound and optical systems. Employees of this class operate video equipment for classroom instruction, training programs or video tape production. Work is performed under the direct supervision from a department head. Supervision of others is not a characteristic of this class. Does related work as required.

TYPICAL WORK ACTIVITIES (All need not be performed in a given position. Other related activities may be performed although not listed):

Designs systems that include a variety of electrical equipment and repairs components within these systems;

Installs a variety of electronic video equipment including standard television receivers, closed circuit television systems, master antenna television systems, and video tape recording equipment;

Installs towers, television antennas, transformers, receiving dishes, down converters, and all distribution equipment;

Mounts receivers, drills holes, connects wires, etc.;

Replaces picture and sound tubes, transistors, resistors, condensers, wires, and other parts associated with television reception units and video equipment;

Repairs and may install the more complicated audio equipment such as language laboratory systems and public address systems;

Performs the more complicated repair work on general audio equipment such as stereos, tape recorders, video recorders, etc.;

Inspects equipment to determine extent of damage and repair ability and evaluates repair costs versus equipment value;

Salvages usable parts from equipment removed from inventory;

Maintains an inventory of all new and used equipment, an inventory of repairs and replacement parts, and an inventory of audiovisual materials;

Assists and instructs the professional staff and students in the operation of audiovisual equipment;

Picks up supplies at vendor.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL**

**CHARACTERISTICS:** Thorough knowledge of the electrical and electronic systems as applied to television reception, video, and sound producing equipment; good knowledge of the repair, and maintenance of television reception, video, complicated sound producing, and audio equipment; good knowledge of the design and installation of television reception systems and complicated sound producing, and audio equipment; good knowledge of the operation and use of audiovisual equipment; ability to inspect, repair, and maintain audio visual equipment; ability to inventory parts and equipment; ability to operate and instruct others in the operation of audio visual equipment; record keeping ability; mechanical and electrical ability; eyehand coordinations; manual dexterity; physical condition commensurate with the demands of the job.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of a high school equivalency diploma, PLUS:

- (A) Two (2) years paid full-time or its part-time equivalent experience in the repair of electronic equipment, including experience with television reception equipment; OR,
- (B) Possession of an Associate's degree in Audiovisual Technology, Electrical Engineering, Industrial Instrumentation Technology or a closely related field; OR,
- (C) Any equivalent combination of training and experience as stated in (A) and (B) above, sufficient to indicate ability to do the work.

**SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES**

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

REVISED: October 24, 1985