

ELECTRONICS SPECIALIST - VIDEO

DEFINITION

To plan, organize, and monitor the technical operation of television production facilities and remote video units on a campus-wide basis; and to design and build new or revised video production facilities as needed.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the departmental manager.

Exercises technical or functional supervision over technicians and student assistants.

EXAMPLES OF DUTIES

Duties may include, but are not limited to, the following:

Plan, develop, and monitor technical activities relating to the video production facilities.

Modify design of video equipment and facilities; design and integrate additional equipment and facilities as needed.

Establish operating procedures and proper maintenance schedules for studio, portable and remote video units, and related elements involved in closed circuit television; perform technical repairs on equipment such as videotape records, color cameras, special effects generators, and television modulators; perform video phase alignments.

Instruct technicians and student assistants in the proper operation and functioning of television equipment.

Maintain records of technical servicing and repair activities.

Serve in an advisory capacity in determining appropriate equipment needs.

Administer and monitor the department budget.

Supervise and train technicians and student assistants.

Act as video cameraman, editor, and technical director on videotape productions as assigned.

Perform related duties as assigned.

MINIMUM QUALIFICATIONS

Knowledge of:

Principles, theories, methods, materials, and equipment used in the design, installation, operation and maintenance of video production facilities.

Federal rules and regulations affecting television and video systems operations and standards.

Principles and practices of supervision and training.

(Over)

Knowledge of: (Continued)

Safety measures and precautions necessary in a video studio environment.

Skill to:

Design, install, and troubleshoot video and electronic systems using proper test equipment.

Provide technical advise and assistance on matters relating to the installation and operation of a closed circuit television system.

Communicate effectively and tactfully in both oral and written form.

Understand and carry out both oral and written instructions in an independent manner.

Establish and maintain cooperative work relationships with those contacted in the performance of required duties.

Experience and Training

Any combination of experience and training that would likely provide the required knowledge and skills is qualifying. A typical way to obtain the knowledge and skills would be:

Experience:

Two years of experience performing duties similar to those assigned to a Senior Electronics Technician in the District.

Training:

Equivalent to graduation from an accredited college or technical institute with major work in electronics or a closely related field.