

AV/VIDEO TECHNICIAN I/II

DEFINITION

Under supervision, transports, sets up, monitors, and operates a broad range of video, audio, and audio-visual (AV) equipment; assists end users with equipment; performs video and audio engineering tasks; performs related work as assigned.

CLASS CHARACTERISTICS

AV/Video Technician I is the entry-level class in the AV/Video Technician series. Initially under close supervision, incumbents learn to use the equipment and procedures related to support of judicial branch meetings, programs, and conferences. As experience is gained, incumbents are expected to exercise greater independence of action in the setup and use of AV equipment and to troubleshoot problems as they arise. This class is alternately staffed with AV/Video Technician II, and incumbents may advance to the higher level after gaining experience and demonstrating proficiency that meet the qualifications of the higher-level class.

AV/Video Technician II is the journey-level class of this series, fully competent to independently perform the full range of duties required in the support of television (TV) and video production and conference AV services. Incumbents are responsible for troubleshooting equipment and setup problems in studio and field production environments and for demonstrating in-depth knowledge of video, audio, and AV technology. Incumbents exercise the technical expertise and independence of judgment required to configure effective AV, audio, and video systems in remote environments under severe time constraints. This class is distinguished from Senior AV/Video Technician in that the latter provides lead direction and work review to assigned staff and/or performs and coordinates complex and specialized work.

EXAMPLES OF DUTIES (*illustrative only*)

- Sets up, monitors, and operates a broad range of video, audio, and AV equipment including videoconferencing systems, cameras, video cameras, switchers, waveform monitors, vectorscopes, camera control units, mixers, microphones of all types, complex cabling systems, projection units and other display devices, slide and overhead projectors, lighting systems, and AV control systems.
- Diagnoses equipment and audio and video systems problems, proposes potential solutions, and carries them out; provides troubleshooting in both studio and field environments.
- Loads and transports video, audio, and AV equipment to and from remote locations, and sets up equipment on-site.

- Provides basic field maintenance and repair that may involve the use of complex testing equipment.
- Supports users with simple computer-based presentations.
- Operates a motor vehicle to transport equipment and supplies.

WORKING CONDITIONS

- Must be able to participate in loading, transporting, and setting up audio and video equipment weighing up to 75 pounds.
- Must be available to work overtime and on weekends and holidays.
- Must be available for out-of-town travel for several days at a time.

QUALIFICATIONS

The level and scope of the knowledge and abilities listed below relate to the duties as defined in Class Characteristics.

Knowledge of:

- Principles and practices of single- and multi-camera video production in both studio and field environments.
- Principles and concepts of electronic video and audio signals and the equipment and tools used to measure, calibrate, and otherwise use them effectively.
- Techniques for maintenance and troubleshooting of video, audio, and AV equipment.
- Principles of lighting design for studio and field environments.
- Typical AV systems and interfaces in hotel and conference center environments.
- Aesthetic aspects of videography, including frame composition and camerawork.
- Basic computer presentation software and computer functions.
- Principles of videoconferencing and audioconferencing.

Ability to:

- Set up, monitor, and operate a broad range of video production, audio, and AV equipment.
- Diagnose and troubleshoot audio and video system problems quickly in studio and field environments.
- Diagnose basic equipment problems, make simple repairs, and make effective recommendations for complex repairs.
- Apply principles of video production to the technical duties involved in the creation of educational videotapes in studio and field environments, and for multi-camera and film-style productions.
- Frame camera shots and operate a live camera skillfully.
- Organize own work, set priorities, and meet critical deadlines.
- Work effectively as a member of a team under severe time constraints.
- Communicate effectively in English, orally and in writing.
- Establish and maintain effective working relationships with those contacted in the course of the work.

Licenses and Certificates:

Possession of a valid California driver license.

Education and Experience:

AV/Video Technician I: Equivalent to possession of an associate's degree, preferably with major course work in video production or communications, and two years of technical experience in AV/video work.

AV/Video Technician II: Equivalent to possession of an associate's degree, preferably with major course work in video production or communications, and two years of technical AV/Video production experience that includes AV support for conferences.

OR

One year as an AV/Video Technician I in the judicial branch that included a minimum of 640 hours of experience.

Additional directly related experience may be substituted for the education on a year-for-year basis. Additional directly related education may be substituted for the experience on a year-for-year basis.