



TITLE	CLASSIFICATION	SALARY GRADE
MEDIA SYSTEMS TECHNICIAN II	CLASSIFIED	GRADE: O
BOARD POLICY REFERENCE: 2012/13 Classification Review		Board Approved:

JOB DESCRIPTION:

Under direction and in keeping with District-wide sustainability initiatives, perform difficult and complex work in the design, fabrication, installation, maintenance, and operation of media equipment and systems for the District; identify District media equipment and systems needs and make recommendations; and perform related work as required.

SCOPE:

The Media Systems Technician II identifies the District's short- and long-term media systems and equipment needs; performs specialized work in the design, fabrication, installation, maintenance, and repair of media systems and equipment; directs the technical operation of the District's media equipment.

DISTINGUISHING CHARACTERISTICS:

The Media Systems Technician II is distinguished from the Media Systems Technician I in the complex duties of design, installation and modification of facilities for media equipment and systems. This classification also serves as a lead worker to the Media Systems Technician I.

KEY DUTIES AND RESPONSIBILITIES:

Examples of key duties are interpreted as being descriptive and not restrictive in nature. Incumbents routinely perform approximately 80% of the duties below.

1. Specifies, purchases, and fabricates materials into electronics systems needed to support media applications.
2. Performs modifications to existing systems and equipment to support new media installations; tests and debugs systems to ensure optimal operation for end users.
3. Analyzes all available options for the correct implementation of a media installation including the cost of materials, structural integrity, security, fabrication requirements, and operation.
4. Communicates with department managers to understand media and systems needs and identifies solutions.
5. Analyzes, isolates, and repairs malfunctioning media components.
6. Assists in the planning, set up, and operation of media systems and equipment for special events and presentations.
7. Troubleshoots, repairs and calibrates media systems and equipment such as digital signal processors, network enabled control systems, camcorders, video monitors and projectors, media players, tape recorders, audio amplifiers, microphones, wireless systems, distance education conferencing systems, etc.
8. Maintains inventory of installation supplies and hardware; maintains media fabrication area.
9. Modifies facilities for the establishment of new media systems.
10. Coordinates project activities with internal staff and external contractors.
11. Directs the work of Media Systems Technician I on installation projects.
12. Trains faculty and staff in use of electronic media systems and equipment.

EMPLOYMENT STANDARDS

ABILITY TO:

Design, fabricate, install and repair electromechanical systems; quickly assess and mitigate technical problems occurring in instructional and high profile special event settings in a calm manner; perform skilled work in the repair, maintenance, and adjustment of various media systems and equipment; use precision tools skillfully, perform exacting overhaul and repair work; maintain accurate records; give and follow oral and written directions; train others in the use of varied equipment; maintain cooperative working relationships; demonstrate sensitivity to, and respect for, a diverse population.

KNOWLEDGE OF:

Currency in media technology trends and developments; electromechanical, electronic, and mechanical theory and practices; tools, materials, and equipment used in the repair and maintenance of media equipment; safety precautions to be observed in the maintenance and installation of media systems and equipment; National Electric Code, building codes, fire codes, ADA requirements and hazardous material handling procedures and intellectual property and copyright laws; understanding of building practices and construction; interfacing computers with media equipment and systems and basic computer and software applications use.

MINIMUM QUALIFICATIONS:

Candidates/incumbents must meet the minimum qualifications as detailed below, or file for equivalency. Equivalency decisions are made on the basis of a combination of education and experience that would likely provide the required knowledge and abilities. If requesting consideration on the basis of equivalency, an Equivalency Application is required at the time of interest in a position (equivalency decisions are made by Human Resources, in coordination with the department where the vacancy exists, if needed.)

Education:

An Associate's degree in Electronic Technology or other discipline related to media technology.

Experience:

Significant related experience in the design, fabrication, installation, repair, maintenance and operation of electronic media systems and equipment. Additional welding and construction experience is preferred.

LICENSE OR CERTIFICATE:

This classification requires the use of a personal or District vehicle while conducting District business. Must possess a valid (Class C) California driver's license and an acceptable driving record. Ability to complete and maintain forklift and aerial lift training.

SPECIAL REQUIREMENTS:

Must be able to perform physical activities, such as, but not limited to, lifting heavy media equipment (up to 50 lbs. unassisted), bending, standing, climbing or walking. Must be able to safely use manual tools and power equipment common in the maintenance and repair of electronic media equipment. Must be able to work safely in an environment with possible exposure to hazards and heights. Must be able to wear respirator and other personal safety protection equipment.