

Clark County School District

CLASS TITLE: AUDIO-VISUAL TECHNICIAN

**Class Code: 7115
Grade: 52**

CLASS DEFINITION AND SUMMARY:

Under general supervision troubleshoots, repairs and maintains audio-visual equipment to component level.

ESSENTIAL TASKS OF THE POSITION: (Illustrative, not inclusive)

Troubleshoots, repairs and maintains audio-visual equipment (i.e., audio tape recorders, motion picture projectors, record players, listening stations, microfiche equipment, overhead projectors, and related components and equipment), to component level.

Repairs sound boards, microphones, portable amplifier, telephone dialer, answering machines, electronic keyboards, digital voice synthesizers, electronic test equipment, compact disc players, etc., to component level.

Uses electronic test equipment to isolate and effect repairs of various pieces of audio/visual equipment and to ensure safe operation of repaired equipment.

Tests and inspects the safety of equipment and components.

Aligns and adjusts systems to manufacturer's specifications.

Calibrates and repairs audiometric testing equipment, sphygmomanometer, eye charts, electronic thermometers, etc.

Demonstrates and/or instructs district staff in the operation and care of new and existing equipment.

Orders parts for equipment to effect repairs.

Performs preventive maintenance on equipment.

Fabricates parts and tools to effect repairs.

Conforms to safety standards as prescribed.

Performs other tasks related to the position as assigned.

DISTINGUISHING CHARACTERISTICS:

Involves technical work in troubleshooting, repairing and maintaining audio-visual and related electronic equipment to component levels.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of electronics, digital electronics, and electromechanical practice and procedures.

Ability to read and interpret schematics (i.e., electrical, electronic, digital logic, and wiring diagrams).

Ability to learn and apply work procedures.

Ability to operate hand, power tools and electronic test equipment.

Ability to meet predetermined deadlines.

Ability to work independently without direct supervision.

Ability to read and interpret written and/or oral instructions.

Ability to plan and organize work.

Ability to distinguish color-coded wires.

Ability to safely move and relocate heavy objects.

Ability to work flexible hours or shifts.

Ability to work in confined areas.

Ability to conduct in-service training on the operation and care of equipment.

Ability to withstand heights and perform work safely.

Ability to work cooperatively with employees, vendors, and the public.

Ability to recognize and report safety hazards and apply safe work methods.

QUALIFICATIONS:

TRAINING AND EXPERIENCE:

High school graduation or other equivalent (i.e., GED, college, technical, or trade school transcript, foreign equivalency, etc.).

Four (4) years experience in the repair and maintenance of audio-visual equipment; or,

Two (2) years of formal training (i.e., two (2) years trade school, or two (2) years of college course work equivalent to an associates degree in electronics), plus two (2) years experience in repair and maintenance of audio-visual equipment.

QUALIFICATIONS: (continued)

LICENSES AND CERTIFICATES:

Valid Class C Nevada Driver's License. Must be maintained for the duration of the assignment.
Copy of driving history issued by the Department of Motor Vehicles.

DOCUMENT (S) REQUIRED AT TIME OF APPLICATION:

1. High school graduation or other equivalent (i.e., GED, college, technical, or trade school transcript, foreign equivalency, etc.).
2. Valid Class C Nevada Driver's License.
3. Copy of driving history issued by the Department of Motor Vehicles.
4. Specific documented evidence of training and experience to satisfy qualifications.

EXAMPLES OF ASSIGNED WORK AREAS:

Clark County School District facilities - offices, school (classrooms, computer labs, locker rooms, cafeterias, theaters, gymnasiums, corridors, construction sites), etc.

Strength: Medium/Heavy - Exert force 50-100 lbs. occasionally, 25-50 lbs. frequently, or 10-20 lbs. constantly. May involve significant stand/walk/push/pull/carry.

Physical Demands: Frequent reaching, handling, fingering and feeling. Occasional talking, hearing, climbing and balancing. Vision: Frequent near and far acuity, depth perception, focal length change and color vision.

Environmental Conditions: Varies from a climate controlled office setting to work outdoors with temperatures ranging from mild/moderate to extreme cold/heat. Exposure to noise levels ranging from moderate to loud and occasional to frequent time periods, and frequent exposure to high voltage and electrical shock hazards.

EXAMPLES OF EQUIPMENT/SUPPLIES USED TO PERFORM TASKS:

Frequency generators, frequency counters, oscilloscopes, soldering irons, pliers, screw drivers, wire cutters, hex drivers, wire strippers, juniper wires, capacitor checkers, multimeters, Allen and Splines wrenches, district-issued/personal vehicles, etc.

Individuals with a disability who require reasonable accommodation(s) during any step of the screening process or who have questions about qualifications should notify a representative in Support Staff Personnel. Notification may be made in person, in writing, or by calling: (702) 799-5334 (V) or (702) 799-0217 (TDD).

08/02/91

Revised: (01/03/95; 12/18/95; 11/07/00; 07/15/05)