

MAINTENANCE TECHNICIAN III- Instrument Repair

DEFINITION:

Under the general supervision of the Coordinator of Visual and Performing Arts, performs a variety of skilled and semi-skilled tasks in connection with the maintenance and repair of a variety of brass, string, woodwind and percussion musical instruments and cases.

DISTINGUISHING CHARACTERISTICS:

Technicians assigned at level III are considered fully qualified in the instrument repair trade area but with overall skill and experience levels below that of a journeyman. Typically, they have had the successful completion of an approved musical instrument repair program and/or three years of responsible experience in servicing and repairing musical instruments and demonstrate proficiency in playing a brass, string, percussion or woodwind instrument.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following:

Other duties may be assigned.

- Performs skilled and semi-skilled work in connection with maintenance, repair and improvement of musical instruments and equipment to include a wide variety of brass, string, woodwind and percussion instruments and cases.
- Dismantle and reassemble instruments; remove keys, rods, corks, pads and valves; clean keys, hinges, tubes, rods and bodies of instruments; replace and fit keys, pads, cork felts and heads; align valves and straighten slides; reset bridges and repair bows; determine salvage ability of damaged instruments; create new parts for obsolete instruments.
- Remove dents; chemically clean brass and woodwind instruments including acid washings; polish and buff instruments.
- Communicate with other departments, students, staff and outside agencies to exchange information, coordinate activities and resolve issues; perform emergency repairs as requested.
- Provide guidance to students and staff regarding the proper operation, care and storage of instruments; serve as a resource to District staff, students and others regarding instruments and instrument repair.
- Cares for and maintains tools, equipment and shop areas.
- Maintains work site in a clean and orderly condition, protects building occupants from work site hazards.
- Maintains records, provides reports and records work data.
- Provides direct labor as may be required in the event of emergency situations to protect personnel and property.

QUALIFICATIONS GUIDE

Knowledge of:

- Methods, materials, tools and equipment common to the servicing and repair of musical instruments.
- Safety practices and procedures.
- Principles and practices in brass, woodwind, string and percussion musical instrument repair.
- Operation of a variety of hand and power tools.
- Chemicals used in cleaning instruments.

Ability to:

- Perform manual labor, work safely within confined spaces.
- Safely and proficiently operate hand and power tools common to the trade.
- Proficiently play a brass, string, percussion or woodwind instrument.
- Understand and carry out written and oral instructions; follow diagrams, and interpret portions of plans and blueprints.
- Work independently to complete assigned tasks.
- Keep basic work records and provide simple reports.
- Establish and maintain cooperative and productive working relationship within the working atmosphere.

EDUCATION/EXPERIENCE:

Equivalent to the completion of the twelfth grade, three years of experience in the instrument repair field or in an approved musical repair program. Any combination of education and experience which would likely provide the qualification required.

LICENSES AND OTHER REQUIREMENTS:

- Possess and maintain a valid California Driver's license.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Hearing and speaking to exchange information
- Dexterity of hands and fingers to dismantle and assemble instruments, operate equipment
- Sitting or standing for extended periods of time.
- Bending at the waist, kneeling or crouching to assist students.
- Reaching overhead, above shoulders and horizontally.
- Regularly lift and/or move up to 50 pounds; lifting, carrying, pushing or pulling heavy objects up 100 pounds with assistance.

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in the work environment is usually moderate. Hazards include:

- Seasonal heat and cold or adverse weather conditions.
- Contact with electrical outlets
- Working around hazardous materials
- Working around or with machinery having moving parts
- Exposure to chemical fumes and particles

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