

STRINGED INSTRUMENT TECHNICIAN

DEFINITION

Repairs, overhauls, and adjusts and tunes a variety of stringed instruments.

TYPICAL DUTIES

Repairs, overhauls, adjusts and tunes stringed instruments, including violins, violas, cellos, guitars, ukuleles, and string basses.
Repairs or replaces bridges, sound posts, pegs, fingerboards, nuts and saddles, tailpiece guts, end buttons, end pins, whole necks, and broken edges.
Cuts, fits, and adjusts pegs, bridges, and sound posts.
Sets up and corrects instruments to proper proportion and measurements.
Restrings, cleans, and polishes instruments.
Repairs and rehairs bows.
Replaces frogs, screws, eyelets, ivory tips, and grips.
Repairs instrument cases.
Fabricates or modifies parts.
Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

A Stringed Instrument Technician repairs and adjusts a variety of stringed instruments, including violins, violas, cellos, basses, vihuelas, guitarron and other stringed instruments.

The Musical Instrument Repair Supervisor plans, organizes, and is responsible for the operation of the Musical Instrument Repair Shop and supervises personnel in the repair of musical instruments, including pianos.

A Musical Instrument Repair Assistant assists in the repair, overhaul, and adjustment of musical instruments, and repairs musical instrument carrying cases, music stands, and related equipment.

SUPERVISION

General supervision is received from the Musical Instrument Repair Supervisor. Work direction may be exercised over a Musical Instrument Repair Assistant.

CLASS QUALIFICATIONS

Knowledge of:

Principles of construction of stringed instruments
Methods, materials, and tools, such as lathes and drill presses, used in the repair, overhaul, and adjustment of stringed instruments
Pertinent safety orders issued by the California Division of Industrial Safety and safety practices related to musical instrument repair

Ability to:

- Use hand and power tools, including drills and lathes
- Read and understand instrument manuals and parts catalogs
- Make computations of labor and parts costs
- Keep legible records
- Work effectively with District personnel

Special Physical Requirements:

- Auditory acuity as required to inspect and tune stringed instruments
- Visual acuity as required to inspect and repair instruments
- Manual dexterity as required to make repairs of small items and operate machines
- Safely lift and carry items weighing up to 60 pounds

ENTRANCE QUALIFICATIONS

Education:

Graduation from high school or evidence of equivalent educational proficiency.

Experience:

Two years of experience in the repair and/or fabrication of stringed instruments such as violins, violas, cellos, string basses, or other stringed instruments. Completion of a music instrument repair certificate, diploma, or equivalent credits from an educational institution may substitute for one year of the required experience.

This class description is not a complete statement of essential functions, responsibilities, or requirements. Entrance requirements are representative of the minimum level of knowledge, skill and/or abilities. To the extent permitted by law, management retains the discretion to add or change typical duties of the position at any time, as long as such addition or change is reasonably related to existing duties.

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