
Position:	Lighting and Sound Technician	FLSA:	Non-exempt
Department/Site:	MET/5 th Ed Center	Salary Grade:	21
Reports to/Evaluated by:	Technician Director or Production Coordinator	Salary Schedule:	Classified

SUMMARY

Designs and implements designs of lighting for all theatrical productions in the District Performing Arts Facilities. Provides technical and instructional support to students and student crews to support theatrical and community events in the District Performing Arts Facilities. Coordinates sound requirements for theatrical productions which may include recorded effects, live effects and microphone usage. Provide expertise in theatrical special effects such as fog and smoke. Act as Technical Director in the Technical Director’s absence.

DISTINGUISHING CAREER FEATURES

The Lighting and Sound Technician combines instruction in, and delivery of, technical aspects of theater production such as lighting, sound, and special effects. The careers in Theater are limited to specialized skills. In that regard, advancement to other Theater-related positions would only be based on compliance with the qualifications of the position. Advancement to Lighting and Sound Technician requires the ability to setup systems and perform demonstrations/instruction for stagecraft students in lighting, sound, and special effects.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Coordinates, and arranges the staging of theatrical lighting, sound, video and other equipment and/or assets, as required for theatrical performances. Determines the sound and lighting requirements that enhance viewing of sets and performers. Designs stage lighting and sound/effects for events that include writing of lighting cues.
- Provides on-site technical expertise at theatrical events, providing guidance and assistance to theatrical groups and personnel with regard to lighting, sound, and special effects.
- Provides instruction technical oversight, and guidance, and instruction to stagecraft students and theatrical crew members in the theory and application of lighting and sound design, theater equipment operation, and work safety standards.
- Troubleshoots, repairs, and maintains theatrical equipment and facilities. Maintains a preventive maintenance program and contracts for repairs as necessary. Inspects sets and equipment for safety and operability.
- Programs light boards and present panels and operates lighting, sound, and projection equipment. Sets up, patches in, and tests microphones, speakers, recorders, multi-media, and lighting for events.

- Develops material lists and purchases and inventories materials and supplies for the operation of performance areas and constructing sets. Monitors production costs and budgets.
- Explores innovative designs that support theatrical productions. Presents ideas and concepts to those involved in productions.
- Maintains up-to-date knowledge of the trends in the entertainment industry that apply to lighting, sound, and special effects, including the equipment.
- Participates in set construction, staging and set design.
- Performs other duties as assigned that support the overall objective of the position.
- Oversees and provides on-site technical staging expertise at theatrical events, providing professional guidance and assistance to theatrical groups and personnel with regard to staging concepts, processes, and techniques.
- Oversees, coordinates, and integrates the staging of theatrical lighting, sound, video and other equipment and/or assets, as required or individual performances.
- Provides technical oversight: guidance and training to student theatrical crew members in basic theatre practices, techniques, and work standards.
- Trains and oversees student stage crew personnel in technical safety procedures regarding theatre facilities, equipment and personnel.

QUALIFICATIONS

Knowledge and Skills: Requires a thorough understanding of theatrical lighting and sound design. Requires a specific knowledge of CUSD lighting and sound systems. Must understand sound systems and equipment. The position requires knowledge of the principles, techniques, methods, and equipment used in technical aspects of theatrical production. Requires in-depth knowledge of lighting and sound design theory and the installation, maintenance, and repair and calibration and integration of lighting, sound, special effects, and other theatrical equipment. Requires a working knowledge of stage design and scene construction, painting, and rigging. Requires a working knowledge of the operational methods of scene shops and other theatrical support functions. Requires skill in the use of hand and power tools related to the work including electronic instruments. Requires in-depth knowledge of safety procedures including the structural integrity of sets and scenes. Requires sufficient language skills to convey technical concepts and prepare instruction manuals. Requires sufficient human relation skills to instruct stagecraft students and other help, to give direction, and to provide instruction on the technical aspects of theater production. Requires sufficient math skills to make detailed measurements and compute distance, totals and portions.

Abilities: Requires the ability to carry out the functions of the position. Requires the ability to design and construct stage sets and props, including lighting, sound, and special effects systems. Requires the ability to calibrate and program lighting and sound systems. Requires the ability to demonstrate lighting and sound design and setup techniques to stagecraft students and other theater users. Requires the ability to observe safety rules and building codes. Requires the ability to use a variety of equipment for assembling lighting and sound sequencing, following and interpreting design specifications, plans, and schematics. Requires the ability to fabricate and manufacture custom items/objects to meet specialized needs and to advise and assist students with construction, carpentry, and electrical procedures. Requires the ability to perform

maintenance on, repair, diagnose, and troubleshoot carpentry, construction, and electrical tools and equipment. Requires the ability to maintain accurate records. Requires the ability to work nights and weekends.

Physical Abilities: Incumbent must be able to function indoors in a theater/shop environment engaged in work of a moderately active to active nature. Requires the ability to stand for extended periods of time, walk up to 100 yards, and manipulate (lift, carry, move) light to heavy weights of up to 75 pounds on a regular basis. Requires the ability to push, pull, and guide materials over 75 pounds. Requires the ability to climb (e.g. ladders), stoop, kneel, and crouch on a regular basis. Requires sufficient hand-eye coordination, hand and finger dexterity including ability to grasp and operate woodworking equipment, calibration instruments and dials. Requires auditory ability to hear and discern operating levels from sound systems and equipment. Requires near and far visual acuity to read printed materials, notice moving objects, observe work-in-progress, and view lighting displays. Requires speaking ability to carry on ordinary conversations. Requires the ability to work in evening and weekend hours.

Education and Experience: B.A. in Theatre Arts or Music with a concentration in sound or two years experience in a theatrical setting concentrating in sound recommended.

Licenses and Certificates: Requires a valid driver's license. A Rigging Certification.

Working Conditions: Work is performed indoors where safety considerations exist from physical labor and working with electricity and power tools.