

LIGHTING AND SOUND TECHNICIAN

DEFINITION

Under general supervision, assists and performs skilled technical work in the design and use of stage lighting and/or sound systems for various school and outside functions; assists in supervising the operation and maintenance of lighting and/or sound equipment; assists with productions; works at assignments that are short-term based on needs of program; and performs related work as required.

LICENSE REQUIRED

Some positions may require possession of a valid and appropriate California driver's license.

EXAMPLES OF DUTIES

Operates stage lighting and/or sound systems for school or outside uses. *E*

Maintains lighting and/or sound systems in a clean and orderly condition. *E*

Prepares and adjusts lighting and/or sound systems. *E*

Operates district vehicles.

Directs the work of assigned helpers.

Performs related work as required.

MINIMUM QUALIFICATIONS

Knowledge of:

1. Lighting and sound operation, including slide and film projection;
2. Principles, methods, procedures, and techniques of the maintenance and repair of complex electronic sound systems and computerized lighting boards;
3. Lighting techniques, sound recording, slide, and film projection;
4. General principles of supervision and training;
5. Basic electronics theory and acoustics;
6. Good English usage, spelling, grammar, and punctuation;
7. Fire regulations; and
8. Appropriate safety precautions and procedures.

Ability to:

1. Skillfully operate, coordinate, and supervise the operation of the lighting and sound systems;
2. Design and operate computerized lighting and audio-systems;

Ability to: (cont.)

3. Skillfully design, sketch, layout, and place the lighting and sound equipment;
4. Operate and repair lighting and sound equipment;
5. Operate and perform good lighting techniques;
6. Maintain simple records;
7. Accurately estimate time and material costs and monitor department budget;
8. Direct the work of others;
9. Operate a vehicle observing legal and defensive driving practices;
10. Plan work according to a highly flexible and complex schedule;
11. Understand and carry out oral and written instructions;
12. Establish and maintain effective relationships with those contacted in the course of work;
13. Maintain work pace appropriate to given workload;
14. Perform simple and repetitive tasks;
15. Perform duties with higher degree of independence (general guidelines and schedule provided); and
16. Work overtime as required including evenings and weekends.

EDUCATION

Individuals possessing the knowledge, skills, and abilities listed above are considered to possess the necessary education.

EXPERIENCE

Recent responsible stage lighting and sound experience in theatrical productions, including a lead or supervisory capacity in stage lighting and sound management, and in operation of lighting and sound systems, repair of stage, lighting, sound, and theatrical equipment.

WORKING CONDITIONS

Environment:

Indoor and outdoor work environment; exposure to extreme heat from stage lights.

Physical Abilities:

Lifting and carrying heavy objects weighing up to 50 pounds; pushing or pulling items weighing up to 100 pounds; climbing ladders and working at heights on ladders and/or catwalks; standing for extended periods of time; bending at the waist; hearing and speaking to exchange information.