

THEATRE TECHNICIAN

NATURE OF WORK

This is skilled work in the installation, operation, maintenance and calibration of theatre lighting and sound systems and related equipment required for teaching purposes within the Department of Theatre.

The employee of this class is responsible for performing activities in the installation, operation, design, calibration and maintenance of theatre lighting and sound systems and equipment for a teaching program. Work also includes demonstrating proper equipment operation, recommending equipment purchases and interpreting plots and drawings. The employee performs work under the direction of the Technical Director who provides advice on operation guidelines and policy. Work is reviewed through discussion and observation of results.

ILLUSTRATIVE EXAMPLES OF WORK

Installs, tests, calibrates and maintains a variety of theatre lighting and sound equipment; ensures that equipment is operating properly; advises immediate supervisor of major and minor equipment damage; performs minor maintenance, as required.

Designs lighting and sound equipment modifications; installs apparatus to provide additional lighting effects; programs light board with light cues; and develops electronic circuitry to expand control and/or communications capabilities.

Sets up equipment and apparatus for student use; provides assistance by demonstrating proper use of equipment and apparatus to students; may provide additional operational information, as requested by immediate supervisor or faculty member.

Prepares sound effect recordings; locates sound effects in tape library or records appropriate effects, as required; edits recordings to ensure appropriate sequence and timing of sound recordings according to instructions.

Recommends equipment and supply purchases to immediate supervisor; obtains price quotes, as required; discusses purchase price and equipment availability with immediate supervisor for approval.

Prepares design drawings for specialized theatre equipment cabinets and consoles, as requested by immediate supervisor.

Searches computerized information network for information relating to theatre operations including equipment/apparatus availability upon request of immediate supervisor.

Assists in the construction of production sets, effects and general theatre maintenance, as requested.

Maintain up-to-date technical information on theatre equipment.

Perform related work as required.

REQUIREMENTS OF WORK

Considerable experience at a skilled level in electronics/ electrical in a theatre environment; graduation from high school supplemented by the completion of an approved technology program in electronics; or any equivalent combination of experience and training which provides the following knowledge, abilities and skills:

Considerable knowledge of theatre equipment, instruments and systems in order to implement calibration procedures.

Considerable knowledge of the methods and practices in theatre operation.

Considerable knowledge of the hazards and safety precautions involved in the theatre equipment operations.

Knowledge of the design of lighting and sound systems.

Knowledge of the literature and of current development in theatre equipment.

Some knowledge of computerized theatre sound equipment.

Ability to operate theatre lighting and sound systems.

Ability to install theatre lighting and sound systems.

Ability to locate and identify malfunctions or defects in theatre equipment or related installations.

Ability to work from plans, sketches, plots and oral and written instructions and to exercise judgement in determining techniques and methods.

Ability to establish and maintain effective working relationships with faculty, staff and students.

Skill in the operation of theatre lighting and sound equipment.

Skill in the care and use of test equipment and tools.

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