

## PERFORMING ARTS TECHNICIAN

### DEFINITION

Coordinates and performs technical work required in the maintenance of a theater, concert hall, or TV and film stage and production areas and assists instructors in conducting technical production classes for theater, TV, film, and broadcast productions/operations or music and dance concerts.

### TYPICAL DUTIES

Coordinates and performs technical work involving design and construction of stage sets, props, special effects, the recording of sound effects, hanging lighting equipment, and/or a variety of other technical aspects related to theater, TV, film, and broadcast productions/operations or music and dance concerts.

Operates and maintains equipment such as sound and lighting equipment, computer equipment, power tools, painting equipment and other equipment used in theater, TV, film, and broadcast productions/operations or music and dance concerts.

Instructs students individually in the proper methods of theater or TV and film lighting, rigging, sound effects, set construction, and painting of stage scenery, props, and backdrops.

Monitors and provides training to students in the use of tools and equipment used in theater or TV and film productions/operations or music and dance concerts.

Assists in making estimates of stage-setting and performance costs, stage-setting time needed, and lighting and scenery required.

Maintains inventory records of supplies and generates orders for materials and equipment.

Issues supplies, materials, and tools to students.

Ensures proper maintenance and safety of scene shop, stage, equipment storage, and audience areas.

May direct stage crews during rehearsals and performances.

Performs related duties as assigned.

### DISTINGUISHING CHARACTERISTICS

A **Performing Arts Technician** coordinates and performs technical work required in the maintenance of a theater, concert hall, or TV and film stage and production areas; and assists instructors in conducting technical production classes for theater, TV, film, and broadcast performances or music or dance concerts.

### SUPERVISION

General supervision is received from an academic or classified supervisor. Provides work direction in the construction and use of stage equipment to student employees.

## CLASS QUALIFICATIONS

### Knowledge of:

Technical direction, set construction, prop construction, lighting, sound, rigging, scenic painting, and special effects related to theater, TV, film and broadcast productions/operations or music and dance concerts

Principles and methods of stage and prop management

Proper use and care of power and hand tools used in stagecraft

Color harmony and set-building materials

Stage set design, floor plans, elevations, and construction

Operation of contemporary sound consoles and related equipment

Operation of contemporary lighting consoles and related equipment

Pertinent fire regulations and other safety codes and procedures

Acoustics and sound control

Inventory methods and practices

Capabilities and features of computer systems, software and hardware used in the assigned area

### Ability to:

Construct, erect, and place various types of stage scenery, backdrops, and props for theater, TV, film and broadcast productions/operations or music and dance concerts

Organize scene shop and coordinate all aspects of construction

Generate theatrical blueprints for stagecraft assignments

Follow layouts and plans for set design and construction

Hang and focus lights according to a lighting plot

Rig standard theatrical elements used in stage productions/operations

Mix and apply scenic paints

Use tools and equipment common to stagecraft work

Program lighting consoles

Work with contemporary lighting instruments

Generate an audio design in a digital format

Train and provide work direction to others in activities related to theater, TV, film and broadcast productions/operations or music and dance concerts

Work effectively with instructors, staff, students, and the public

Deal effectively with proper authorities concerning fire and safety regulations

Effectively utilize computer hardware and software in the performance of duties

## ENTRANCE QUALIFICATIONS

### Education and Experience:

- A. Graduation from a recognized four-year college or university with a major in theater arts, fine arts, music or a closely related field which included coursework in technical theater or music technology.

**OR**

- B. An associate's degree or its equivalent, from a recognized college or university, with a major in the field of theater arts, cinema or television, or music **AND** two years of full-time paid stagecraft experience in two or more of the following areas: prop design, prop construction, stage set design, stage set construction, painting, rigging, lighting, sound, and operation and use of stage equipment.

**OR**

- C. Four years of full-time, paid stagecraft experience in two or more of the following areas: prop design, prop construction, stage set design, stage set construction, painting, rigging, lighting, sound, and operation and use of stage equipment.

**OR**

- D. Any equivalent combination of A., B., and C. above.