



Technical Theater Sample Assessment

Multiple-Choice Test Code: 7700 (Multiple-Choice)

**Performance Test Codes: 7707 (Costume), 7708 (Make-Up and Hair),
7709 (Construction), 7728 (Electrics),
7729 (Sound), 7730 (Stage Management)**

Version: 01

Understanding Technical Theater

Perform the duties associated with broad content areas in technical theater

Demonstrate knowledge of the sequence of stage production

Understand and apply the basic mathematical concepts that apply to technical theater duties

Understand and observe all safety procedures required in technical theater

Costuming/Make-up and Hair

Perform basic hand and machine stitching

Take measurements and perform fittings

Label costumes, accessories and shoes

Organize accessory bags and wardrobe racks

Set-up and organize a quick change booth

Apply/create a character makeup design for three to five actors for a performance

Use basic make-up techniques in performance

Identify and use costume and make-up resources including shops and suppliers

Create a list of the range of fabric and appropriate applications or use for costume construction

Perform basic costume maintenance including laundry and repairs

Prepare a wardrobe plot for each character in a script

List the basic hair and wig requirements for a show from an examination of the script

Create and use budgets for costume, make-up and hair expenditures

Technical Theater Sample Assessment (Continued)

Scenic and Prop Construction

Identify the common components of scenery construction
Build standard scenery including platform, bracing, flat, and rails
Measure and work in scale from a ground plan or working drawing
Read construction plans e.g., elevations and ground plans
Create technical drawings
Create a cut list for scenic construction
Lay out the set placement on stage
Spike scenic units in the performance space
Use bearing loads in platform construction
Scenic painting materials, methods and processes
Use basic shop math for measuring
Follow and enforce all safety procedures required in carpentry work
Create and use scenic budgets
Use basic theater rigging techniques and rigging theory

Electrics

Identify the basic types and components of lighting instruments
Hang and focus lighting equipment
Change lamps and gels in standard lighting equipment
Circuit and patch lighting equipment
Read lighting plots and lighting paperwork
Use lighting equipment templates to draw lighting symbols on a hang plot
Demonstrate knowledge of basic color temperature and color theory
Identify electrics rigging and lighting positions in the theater
Operate/program/maintain lighting equipment including spotlights, light boards, etc.
Use math and basic electrical formulas for stage electricians
Follow and enforce all safety procedures required in electrics work
Create and use electrics budgets

Properties

Create properties paperwork and running sheets from an existing script
Lay-out and label a prop table
Construct and repair basic props using a variety of materials and skills
Identify techniques for constructing props including paper mache, foam, and other materials
Demonstrate knowledge of prop safety construction and use
Create and use properties budget

Running Crews

Follow cues from headset and cue lights
Read cue sheets and run show accordingly
Understand and use rigging systems and operations
Discuss and outline the roles of various crew positions
Strike organization and recycling
Outline in discussion or writing the procedures for deck safety
Walk the stage area to trouble shoot for safety issues

Technical Theater Sample Assessment (Continued)

Stage Management

Create a timeline and flow chart to demonstrate the rehearsal and production processes
Create a prompt book to be used in the production of a theater event
Create call sheets and scene breakdown paperwork to be used in the production of a theater event
Direct the various crews in running rehearsals and performances
Create prop running paperwork in conjunction with the prop crew
Generate rehearsal and show reports
Demonstrate knowledge of communication methods for serving as the liaison
Generate rehearsal schedules in conjunction with the director
Create and stock a basic stage management kit
Tape out a rehearsal room by reading drawings and ground plans
Supervise the deck crew in glow taping stage set and set-up of safety lights
Organize and run an audition
Run a dry technical rehearsal
Create and use production budgets

Sound

Analyze script to create a cue list for sound
Identify common sound equipment and components
Microphone technique and positioning
Assemble sound system to enhance appropriate sound mix and balance
Use and edit sound software
Comply with sound safety issues
Calculate sound budget
Perform signal math using sound theory

Technical Theater Sample Assessment (Continued)

Multiple-Choice Assessment:

Administration Time: 3 hours

Number of Questions: 229

Areas covered:

6%	Understanding Technical Theater
21%	Costuming/Make-up and Hair
19%	Scenic and Prop Construction
16%	Electrics
6%	Human Properties
13%	Running Crews
8%	Stage Management
11%	Sound

Sample Questions:

Which of the following stage configurations has an audience on three sides?

- A. thrust
- B. proscenium
- C. in the round
- D. amphitheater

Where is the proper place to measure the size of head?

- A. right above the eye brows
- B. around the head just above the ears
- C. around the head over the ears
- D. from the hairline on the forehead to the nape of the neck

Stairs that run from the stage into the wings are called

- A. escape stairs
- B. fire stairs
- C. grand staircases
- D. blank stairs

Technical Theater Sample Assessment (Continued)

Gel colors are usually described as

- A. hot or cold
- B. tint or shade
- C. warm or cool
- D. soft or loud

Stage safety suggests that hard hats are to be worn by the

- A. audio crew
- B. stage managers
- C. rigging crew
- D. running crew

Performance Assessment:

Assessment format: Each content area is considered a separate performance assessment and must be ordered individually. Schools can choose to administer one or multiple content areas.

Content Area	Description of Job	Administration Time
Costume	Pattern and sew an apron	3 hours
Make-Up and Hair	Make-up and hair for a period styling	2 hours
Construction	Construct a 2' x 4' fabric covered theatrical style flat	2 hours
Electrics	Setup, hang, cable and focus three unit light plot	2 hours
Sound	Setup sound system	2 hours
Stage Management	Tape out a ground plan Create a Mini-prompt book with blocking and cue annotation	1 hour 1 hour 30 mins