

Set Design

Level 3: Student explored previously; second pathway specific course

Pathway(s): Production and Managerial Arts

Description

Emphasizes two- and three-dimensional drawing and designs and color theory. Students construct 3-D models and a theatrical stage set.

Student Learning Outcomes

Industry

- 1) Analyze how set design professionals interact with other professionals within and across industries.
- 2) Explore time management techniques used by professional, noting key habits and best practices.
- 3) Explain the impact of technology and industry trends on the careers of set design professionals, including the impact on technical work and business management.
- 4) Research postsecondary institutions in Colorado and other states that offer set design related programs.

Safety and Crew Responsibilities

- 5) Identify and practice safe work habits including the use of Personal Protective Equipment (PPE), as necessary.
- 6) Demonstrate the proper use of technical theatre equipment and supplies.
- 7) Demonstrate an awareness of safety protocol in a scene shop and theatrical spaces.
- 8) Determine the various roles and responsibilities of members of a technical crew in setting up, executing, and tearing down a production.
 - a. Designers
 - b. Technical directors
 - c. Stage management
 - d. Materials selection

Set Design

- 9) Learn basic set design.
- 10) Learn design and color theories.
- 11) Construct miniature and life-size sets for film and/or theatre.
- 12) Draw scale designs.
 - a. Ground Plot
 - b. Working Drawings
 - c. Detail Drawings
- 13) Do perspective renderings.
 - d. Draw an interior set from a photograph
 - e. Draw a set design

- 14) Construct a 1/48, 1/2, or 1/12 scale model of a set
- 15) Participate in the construction of actual theatrical setting(s) based on studies of a specific script and design.
- 16) Coordinate and dress the set, choosing those accessories/set dressings which the period, production concept, and scenes call for under the direction of the Designer and Technical Director.

Industry

- 17) Analyze how technical theatre professionals interact with other professionals within and across industries.
- 18) Explore time management techniques used by professional, noting key habits and best practices.
- 19) Explain the impact of technology and industry trends on the careers of technical theatre professionals, including the impact on technical work and business management.
- 20) Research postsecondary institutions in Colorado and other states that offer technical theatre programs.

Safety and Crew Responsibilities

- 21) Identify and practice safe work habits including the use of Personal Protective Equipment (PPE), as necessary.
- 22) Demonstrate the proper use of technical theatre equipment and supplies.
- 23) Demonstrate an awareness of safety protocol in a scene shop and theatrical spaces.
- 24) Determine the various roles and responsibilities of members of a technical crew in setting up, executing, and tearing down a production.
 - a. Designers
 - b. Technical directors
 - c. Stage management
 - d. Materials selection

Set Design & Construction

- 25) Use technical drawings and plots to plan scenery, properties, and costumes
- 26) Construct scenery, properties, and/or costumes.
- 27) Develop scenic painting techniques.

Lighting Design & Implementation

- 28) Interpret lighting plots.
- 29) Identify lighting equipment needs.
- 30) Hang, focus, color, and patch lighting equipment.
- 31) Set up light board.

Sound Design & Implementation

- 32) Interpret sound plots.
- 33) Identify sound equipment needs.
- 34) Patch in microphones, speakers, intercoms, and monitors.

Post-Production

- 35) Properly store equipment and set elements used in a production.
- 36) Properly dispose of set elements that will not be used in further productions.