

GLENDALE UNIFIED SCHOOL DISTRICT

Senior High School

May 21, 2002

Department:	Visual and Performing Arts
Course Title:	Technical Theatre 3-4
Course Numbers:	2503D-3/2504D-4
Grade Level:	11 and 12
Semester Hours:	10
Prerequisite:	Successful completion of Technical Theatre 1-2 with a grade of 'B' or better. Presentation of an audition, including a review of the student's portfolio, and approval of the instructor is required.
Course Description:	This course will further develop the concepts and techniques introduced in Technical Theatre 1-2 with an emphasis focusing on the use of acquired knowledge in theatrical productions. The student will be required to work outside of class on school and community programs occurring in the auditorium.

I. Standards

- A. Artistic Perception - Students attend theatrical productions and respond to them using the vocabulary and language of the theatre.

The student will:

1. Observe a variety of auditorium events and document their observations of the technical production values and techniques through written and oral reports.
2. Read technical journal articles and write a synoptic review of each article. The review will include a written discussion of how the student would apply the concepts or ideas from the article in their technical theatre projects.

- B. Creative Expression - Students develop knowledge of and artistic skills in a variety of technical theatre disciplines.

The student will:

1. Participate in the process of lighting, sound, and scenic design.
2. Make designs a reality in the form of stagecraft, lighting and sound.
3. Develop and maintain a portfolio of their work.

4. Be engaged in activities, which will provide them with team-building, decision-making, and leadership skills.

- C. Historical and Cultural Context - Students research relationships between theatre, history and culture.

The student will:

1. Explore the evolution of the performance space through classroom discussions and readings.
2. Explore performance space acoustics and sound reinforcement considerations and their impact on the development of theatrical and musical styles.

- D. Aesthetic Valuing - Students develop and use criteria for judging and evaluating theatrical events.

The student will:

1. View college level, or professional, performances and write a critique of how the design elements enhanced the effectiveness of the performance.
2. View a theatrical, musical, or dance rehearsal and/or performance in the school's auditorium. Participate in a discussion of the technical aspects of the program. What worked well? What could be approved on?

- E. Connections, Relationships and Applications - Students apply what they learn in technical theatre to learning across subject areas. They develop competencies and creative skills in problem solving, communication and management of time and resources that contribute to lifelong learning and career skills. They learn about careers in and related to technical theatre.

The student will:

1. Demonstrate the use of applied math skills in scenic construction, stage rigging, and stage lighting.
2. Use computers to operate sound and lighting equipment.
3. Read technical materials (journal articles, instruction manuals, MSDS sheets, etc.) as part of their classroom activities.

4. Write show reviews.
5. Examine the training, education, and experience needed to pursue a career in technical theatre.

II. Accountability Determinants:

- A. Instructor-created quizzes and tests.
- B. Oral and written critiques of the work of self and others, inside and outside the classroom.
- C. Daily participation in classroom lectures, discussions and projects/work assignments.
- D. Participation as technical, house crew, and House Manager for assigned rehearsals and performances.
- E. Quarterly review of student's portfolio.

III. Topics of Study/Suggested Time Distribution

- A. General Stage Lighting 20%
 - 1. Reading and interpreting a light plot. Selecting the appropriate lighting equipment and associated materials.
 - 2. Using gobos to create lighting texture.
- B. Stage Rigging 15%
 - 1. Safely hanging lighting equipment, draperies, backdrops, and scenic elements on a counterweight system.
- C. Advanced skills in scenic construction. 20%
 - 1. Reading working drawings and selecting the appropriate construction materials.
 - 2. Selecting and safely operating the appropriate hand and power tools used in scenic construction.
 - 3. Selecting the appropriate joining method for various construction tasks.
 - 4. Painting and texturing scenic elements.
 - 5. Selecting appropriate painting materials.

- D. Understanding and demonstrating safe working practices 15%
in the theatre.
1. Participation in the theatre's fire and earthquake safety program.
 2. Maintaining facilities, tools and equipment.

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3. Participating in all cleanup activities.
4. Assisting with enforcement of public safety policies and procedures.
5. Acting as House Manager for school and community events.
6. Properly using personal protection equipment when required.

- E. Stage Management 10%

1. Understanding, following, and executing the prompting instructions given by a stage manager.

- F. LIGHTING TRACK (YEAR 2) 20%

1. Advanced computerized lighting console operation.
2. Setting lighting system configurations
3. Using tracking functions.
4. Writing and playing back multi-part cues.
5. Using inhibitive sub-masters.
6. Writing and playing back-lighting effects.
7. Writing and playing back subroutines.
8. An introduction to two-dimensional and three-dimensional computer aided design/drafting and data base application software.
9. Drafting a two-dimensional light plot.
10. Creating lighting databases and spreadsheets.

- G. SOUND TRACK (YEAR 2) 20%

1. Creating an audio setup sheet based on the requirements of the auditorium event.
2. Setting up, patching and operating audio gates, compressor/limiters, parametric equalizers, digital delays, digital effect processors and aural enhancers.
3. The characteristics of microphones used in theatre productions.
4. Utilizing the matrices on the mixing console to create audio environments using multiple speaker systems.

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5. Reading and following audio equipment instruction manuals.

IV. Instructional Strategies or Methods

- A. Project-based learning: building a set for a theatrical performance, selecting stage lighting and sound equipment for an event, executing sound, lighting and stage rigging cues during a performance.
- B. Group and individual work: computerized lighting system operation, sound system operation, fly system operation, scenic construction, reading shop drawings, documenting observations of auditorium events.
- C. Readings
- D. Lecture
- E. Peer tutoring
- F. Library/Internet research.
- G. Videos.
- H. Presentations by industry partners in the field of technical theatre.
- I. Field Trips: Backstage tours, attendance at theatrical performances at the college or professional level.

V. Texts and Supplemental Materials

- A. Adopted Texts - none

B. Instructional aids, texts and printed resources for teachers and students addressing the following topics:

1. Scenic Construction
2. Stage lighting
3. Sound reinforcement
4. Theatre history
5. Stage rigging
6. Personnel and public safety in the theatre
7. Careers in technical theatre
8. Mathematical applications

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9. Technical reading
10. Equipment instruction manuals

C. Supplies and equipment.

1. Auditorium facility equipped with the following:
 - a. Computerized lighting system.
 - b. Follow spots
 - c. Sound system
 - d. Counterweight fly system.
 - e. Scene Shop equipped with the necessary hand and power tools and supplies for constructing scenery.
 - f. TV/VCR
 - g. Computers with sound and lighting application software.