

Las Positas College
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Course Outline for THEA 48B

TECHNICAL THEATER IN PRODUCTION - INTERMEDIATE

Effective: Spring 2019

I. CATALOG DESCRIPTION:

THEA 48B — TECHNICAL THEATER IN PRODUCTION - INTERMEDIATE — 3.00 units

Participation in scheduled productions and events as crew members and/or construction of said productions technical elements, including lighting and sound implementation. Enrollment is for the duration of the semester. Students may participate in the design and board operation of multiple productions or events per semester.

1.00 Units Lecture 2.00 Units Lab

Prerequisite

THEA 48A - Technical Theater in Production - Beginning
with a minimum grade of C

Strongly Recommended

MATH 107 - Pre-Algebra
with a minimum grade of C
or

MATH 107B - Pre-Algebra B
with a minimum grade of C

Grading Methods:

Letter or P/NP

Discipline:

- Stagecraft

Family: Theater Tech

| | <u>MIN</u> |
|-----------------------|------------|
| Lecture Hours: | 18.00 |
| Lab Hours: | 108.00 |
| Total Hours: | 126.00 |

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering the course a student should be able to:

A. THEA48A

Before entering this course, it is strongly recommended that the student should be able to:

- A. MATH107
- B. MATH107B

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

- A. Apply knowledge of various areas of technical theater gained through active participation in technical work connected to productions of the Theater Department or other performing arts areas, specifically in the fields of lighting and sound crew;
- B. Work safely and effectively in one or more of the following areas of technical theater:
 - 1. Set construction
 - 2. Scenery painting
 - 3. Lighting equipment rigging
 - 4. Work on a running crew
- C. Be aware of the complex responsibilities and the teamwork involved in creating the technical dimensions of a major theatrical production.
- D. Lighting or sound board operation for production Show the ability to operate a light or sound board during production or rehearsals

(or simulated class exercises), following pre-scripted cues Identify issues or problems with design and adjust, as necessary, for production clarity Apply techniques learned to a live mixing demonstration (sound) Explain the process of creating a light plot Record a light plot for a show or scene (real or imagined) on the board using the available lights on the grid

V. CONTENT:

- A. Active participation in the creation of theatrical sets and props.
 - 1. Construction
 - 2. Painting
- B. Active participation in preparing lighting
 - 1. Hanging, gelling and focusing lights
 - 2. Electrical hook-ups
 - 3. Recording of cues
- C. Active participation in researching, preparing, and running sound cues
- D. Clear understanding and operation of microphones in a live rehearsal and performance setting, including setting cues and levels
- E. Active participation in running sound or light board for production
- F. Hanging, gelling and focusing lights
- G. Participation in the running of a show
 - 1. Working on the running crew (set changers)
- H. Work on the strike (taking down) of the set and lights

VI. METHODS OF INSTRUCTION:

- A. Pre-work instruction on the handling of materials and tools 1. Techniques 2. Safety
- B. Hands-on instruction in the process of creating the scenery pieces, costumes and lighting
- C. Presence and supervision during performances.
- D. Hands-on instruction in running a lighting and sound board during rehearsals
- E. Pre-work instruction in the techniques and procedures of running a lighting or sound board

VII. TYPICAL ASSIGNMENTS:

- A. Hanging and Focusing a light, required for use in production
- B. Designing light plot and operating light board
- C. Designing sound plot and operating sound board
- D. Running the board, including but not limited to inputting and editing cues.
- E. Striking the set and costumes, post production

VIII. EVALUATION:

Methods/Frequency

- A. Quizzes
- B. Projects
- C. Simulation
- D. Class Participation
- E. Class Work
- F. Lab Activities

IX. TYPICAL TEXTS:

- 1. Carver, R. *Stagecraft Fundamentals Second Edition: A Guide and Reference for Theatrical Production*. 2 ed., Focal Press, 2012.
- 2. Keller, M. *Light Fantastic: The Art and Design of Stage Lighting*. 3 ed., Prestel, 2010.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Students will be required to own and utilize safety glasses and work boots.