

Las Positas College  
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## Course Outline for THEA 48C

### TECHNICAL THEATER IN PRODUCTION - ADVANCED

Effective: Fall 2015

#### I. CATALOG DESCRIPTION:

THEA 48C — TECHNICAL THEATER IN PRODUCTION - ADVANCED — 3.00 units

Participation in scheduled productions as DESIGNER and/or assistant designers of said productions technical elements, including scenic, costume, lighting and sound design. Enrollment is for the duration of the semester. Students may participate in more than one production per semester, as needed.

1.00 Units Lecture 2.00 Units Lab

#### Prerequisite

THEA 50 - Stagecraft  
with a minimum grade of C

#### Grading Methods:

Letter or P/NP

#### Discipline:

Family: Theater Tech

	<b>MIN</b>
<b>Lecture Hours:</b>	18.00
<b>Lab Hours:</b>	108.00
<b>Total Hours:</b>	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. THEA50

#### IV. MEASURABLE OBJECTIVES:

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

- A. Produce a design, using knowledge of specifically assigned area of technical theater, in active participation in technical work connected to productions of the Theater Department or other performing arts areas;
- B. Organize and manage a safe work environment in one or more of the following areas of technical theater:
  1. Scenic design and oversight for implementation
  2. Lighting design and oversight for implementation
  3. Sound design and oversight for implementation
  4. Costume design and oversight for implementation
- C. Recognize and practice the complex responsibilities involved in design and crew functions, as well as the teamwork involved in creating the technical dimensions of a major theatrical production.

#### V. CONTENT:

- A. Active participation in the creation of designs for theatrical lighting.
  1. Creation of a light plot and scheme
  2. Assistance in selection and ordering of gobos and specialized lighting equipment
  3. Creation and maintenance of light cues, in cooperation with director
- B. Active participation in the creation of designs for theatrical sound
  1. Creation of a sound plot
  2. Assistance in selection and ordering of music
  3. Live mixing of sound cues, in cooperation with director, as necessary for public performance
- C. Active participation in the creation of designs for costuming a show
  1. Sewing some items by hand or machine
  2. Creation of costume sketches of all character in play
  3. Creation of costume plot
- D. Active participation in the creation of designs for theatrical sets / scenic design
  1. Research and create a set design
  2. Create renderings of design, including architectural elevation drawings

### 3. Create ground plan and accompanying 3D model

#### 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. Hands-on instruction on sewing techniques and costume sketch processes
- D. Hands-on instruction in running a lighting and sound board during rehearsals
- E. Presence and supervision during performances.
- F. Pre-work instruction in the techniques and procedures of running a lighting or sound board

#### VII. TYPICAL ASSIGNMENTS:

- A. Research era specific content related to design field
- B. Design and sketch costumes for a theatrical productions
- C. Building or gathering costumes materials for a specific costume to be used in production
- D. Design set for theatrical production
- E. Provide rendering, model, and elevation drawings
- F. Designing light plot and operating light board
- G. Designing sound plot and operating sound board

#### VIII. EVALUATION:

##### A. **Methods**

1. Quizzes
2. Projects
3. Class Participation
4. Class Work
5. Lab Activities
6. Other:
  - a. Evaluation and grading will be based on:
    1. the completion of assigned tasks;
    2. the level of diligence and timeliness in completing tasks;
    3. attitude plus the spirit of cooperation with staff and colleagues;
    4. safety observance.

##### B. **Frequency**

- A. Quizzes on safety will be issued once
- B. All other evaluations will be completed upon individual project completion

#### IX. TYPICAL TEXTS:

1. Brewster, K. *Fundamentals of Theatrical Design: A Guide to the Basics of Scenic, Costume, and Lighting Design*. new ed., Allworth Press, 2011.
2. Rowe, C. *Drawing and Rendering for Theatre: A Practical Course for Scenic, Costume, and Lighting Designers.*, Focal Press, 2007.
3. Sammler, Ben. *Technical Design Solutions for Theatre Volume 3.*, Focal Press, 2013.
4. Carver, Rita. *Stagecraft Fundamentals, Second Edition: A Guide and Reference for Theatrical Production*. 1 ed., Focal Press, 2013.
5. Malloy, Kaoime. *The Art of Theatrical Design Elements of Visual Composition, Methods, and Practice*. 1 ed., Focal Press, 2014.

#### X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Students will be required to own colored pencils, rulers, trace paper, and an artists sketch pad. Scenic designers will be required to purchase materials for 3D model creation (glue, balsa wood, and foam board)