

THEA A176: STAGE LIGHTING

| Item | Value |
|------------------------------------|---|
| Curriculum Committee Approval Date | 12/08/2021 |
| Top Code | 100600 - Technical Theater |
| Units | 3 Total Units |
| Hours | 72 Total Hours (Lecture Hours 45; Lab Hours 27) |
| Total Outside of Class Hours | 0 |
| Course Credit Status | Credit: Degree Applicable (D) |
| Material Fee | No |
| Basic Skills | Not Basic Skills (N) |
| Repeatable | No |
| Grading Policy | Standard Letter (S) |

Course Description

This course involves the study and execution of stage lighting with emphasis on equipment, control, color and their relationship to design. Students will participate in the lighting of college productions. Transfer Credit: CSU; UC. C-ID: THTR 173. C-ID: THTR 173.

Course Level Student Learning Outcome(s)

1. Collaborate with students and faculty to design and produce lighting for a stage play.

Course Objectives

- 1. Identify, define and describe terminology commonly associated with theatrical lighting design and execution.
- 2. Identify the controllable qualities of theatrical lighting
- 3. Identify the functions of theatrical lighting
- 4. Recognize and explain the different types of drawings and paperwork commonly used in theatrical lighting design
- 5. Calculate the capacity of electrical wire gage and safe current flow
- 6. Demonstrate an understanding of the function of various theatrical lighting instruments
- 7. Recall and practice safety information concerning electrical hazards
- 8. Participate in the hanging, circuiting, focusing, and operation of theatrical lighting equipment
- 9. Demonstrate an understanding of style, color, texture, angle and mood as they relate to theatrical lighting design
- 10. Produce the paperwork necessary to implement a lighting design

focusing and circuiting of lighting equipment for departmental productions Practical applications of lighting design Organizing and performing the duties of Master Electrician for a departmental production Organizing and performing the duties of Assistant Lighting Designer for a Departmental production Designing the lighting for a departmental production.

Method(s) of Instruction

- Lecture (02)
- Lab (04)

Instructional Techniques

Lecture, in-class demonstration, instructional videos, in-class participation and discussion, viewing productions, touring theatre facilities.

Reading Assignments

Textbook assigned readings.

Writing Assignments

Written examinations. Completion of final design project.

Out-of-class Assignments

Completion of final design project.

Demonstration of Critical Thinking

Quizzes Mid-terms and Final Exams Lighting projects Oral evaluation of laboratory assignments Evaluation of written reviews Practical exams: student will complete assigned projects.

Required Writing, Problem Solving, Skills Demonstration

Written exams: Minimum three written exams will be given. Skills demonstration and problem solving: student will complete assigned projects.

Eligible Disciplines

Theater arts: See drama/theater arts Masters degree required.

Textbooks Resources

1. Required Cunningham, Glen. Stage Lighting Revealed, ed. Cincinnati: Betterway, 2002 Rationale: latest 2. Required Gillette, J.. Designing With Light, 6 ed. Boston: McGraw-Hill, 2013

Lecture Content

Lecture Content: Introduction to designing with light Electrical theory and practice Lighting Equipment Lighting design paperwork Rehearsal and performance procedures Color theory Lighting angles May include theoretical projects Advanced and in depth theories of lighting design. Hours Arranged/Other Content: Assist in hanging and focusing lights. Run light board for rehearsals and performances

Lab Content

Laboratory Activities: Assist in the supervision of stage crews Supervision of instrument and cable repair Supervision of hanging,