Course Outline

COURSE: THEA 27      DIVISION:  10      ALSO LISTED AS:

TERM EFFECTIVE: Spring 2015      CURRICULUM APPROVAL DATE: 09/22/2014

SHORT TITLE: LIGHTING

LONG TITLE: Fundamentals of Lighting

<table>
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<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>3</td>
<td>18</td>
<td>Lecture: 3</td>
<td>3</td>
<td>54</td>
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<td></td>
<td></td>
<td>Lab: 0</td>
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<td>Total: 3</td>
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<td>54</td>
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</tbody>
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COURSE DESCRIPTION:

This course involves the study and execution of stage lighting with emphasis on equipment, control, color and their relationship to design.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

L - Standard Letter Grade

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

STUDENT LEARNING OUTCOMES:

1. Identify, Define and Describe Terminology Commonly Associated with Theatrical lighting design and execution

Measure: Quizzes, and class exercise

PLO: 5,6
ILO: 2,3,7
GE-LO:

Anticipated Year of Assessment: 2015

9/22/2014
2. Identify the controllable qualities of theatrical lighting
   Measure: Quizzes and class exercises
   PLO: 5,6
   ILO: 2,3,6
   GE-LO:
   Anticipated Year of Assessment: 2016
3. Identify the functions of theatrical lighting
   Measure: Quizzes and class exercises
   PLO: 5,6
   ILO: 2,3,6
   GE-LO:
   Anticipated Year of Assessment: 2016
4. Recognize and explain the different type of drawing and paperwork commonly used in theatrical lighting design
   Measure: Quizzed and class exercises
   PLO: 3,5
   ILO: 3,6
   GE-LO:
   Anticipated Year of Assessment: 2016
5. Calculate the capacity of electrical wire cage and safe current flow
   Measure: Quizzes and class exercises
   PLO: 2,3
   ILO: 1,3
   GE-LO:
   Anticipated Year of Assessment: 2017
6. Demonstrate an understanding and the function of various lighting instruments
   Measure: Quizzes and class exercises
   PLO: 2,5,6
   ILO: 1,2,3
   GE-LO:
   Anticipated Year of Assessment: 2017
7. Recall and practice safety information concerning electrical hazards
   Measure: Mid Term
   PLO: 5
   ILO: 2,3
   GE-LO:
   Anticipated Year of Assessment: 2017
8. Participate in hanging, circuiting, focusing and operation of theatrical lighting equipment
   Measure: Final
   PLO: 2,5
   ILO: 4,5,6
   GE-LO:
   Anticipated Year of Assessment: 2015
9. Demonstrate an understanding of color, style, texture angle and mood as they relate to theatrical lighting design
   Measure: Final
   PLO: 2,5
   ILO: 5,7
   GE-LO:
Anticipated Year of Assessment: 2017

10. Create the paperwork necessary to implement a lighting design

Measure: Final

PLO: 4,5,

ILO: 1,3

GE-LO:

Anticipated Year of Assessment: 2015

PROGRAM LEARNING OUTCOMES:

1. Describe significant movement genres in theatre history, and to elaborate on their social and cultural significance.

2. Work effectively in a team, having developed collaboration and teamwork skills through class exercises, assignments and performances.

3. Articulate the differences in theatrical styles and modes of creation. Students participate in both the organic creative process (in which the students participate in the creation of the performance or play) and the most traditional approaches to theatre and performance using an established or already created text.

4. Discuss and critique theatrical performances, articulating the playwright's view and director's interpretation of the text. Students can evaluate the various technical elements of the production (costume, sets, lights, sounds), to determine whether they support or detract from the production and text.

5. Demonstrate practical knowledge regarding responsibilities of the different technical and creative jobs related to theatre and theatre production.

6. Master fundamental concepts and vocabulary relating to acting through class exercises and public performance.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 09/22/2014

4 Hours

Content: Introduction to Design with Lights. Examines basic lighting equipment and effects. Look at new technologies/special effects in industry today.

Student Performance Objective (SPO) Recognize basic vocabulary & concepts.

Out of Class Assignments: Reading Textbook. Read Play text. Analysis I.

4 Hours

Content: Electrical Theory and Practice. Introduction of basic electrical theory and standard safety practices for class/industry.


Student Performance Objectives (SPO): Recognize & apply fundamental electric theory

Out-of-Class Assignments: Readings Textbook

6 Hours

Content: Lighting Equipment. Overview of standard equipment including light instruments, light control boards, cables, rigging and all germane safety procedures. Basic cleaning, upkeep and focusing of light instruments.

Workshop: Tour of Technical booth and rigging/light storage and maintenance area at Gavilan. Practical workshop on Light Board use and procedures.

Student Performance Objectives (SPO): Calculate capacity of wire gage and safe current flow. Employ lighting vocabulary in homework and in-class assignments

Out-of-Class Assignments: Read Play Text. Analysis II. Equipment Assignment.

6 Hours

Content: Lighting Design Paperwork. Employ the essential components of lighting design paperwork to communicate your ideas to staff/technicians.

Student Performance Objectives (SPO): Create paperwork file for production designs


6 Hours
Content: Rehearsal and Performance Procedures. Attend performance rehearsals/live performances to better master 1) the various stages of the technical rehearsal process and duties of the technicians/designers during technical rehearsals and performance production.

Student Performance Objectives (SPO): Identify the various elements of the rehearsal/performance process


6 Hours

Content: Color Theory. Introduction and practical applications of color/color theory to lighting design.


Student Performance Objectives (SPO): Integrate color into designs. Practice safety training.

Out-of-Class Assignments: Create 3 color design concept for lights and staging. Read Play texts. Analysis III.

6 Hours

Content: Lighting Angles. Introduction and use of angles to create drama/special effects in lighting design.

Workshop: Participate in hanging/focusing/circuiting theatrical lighting, using color and angles.

Student Performance Objectives (SPO): Integrate angles into design schemes. Master basic vocabulary. Practice Safe Training.


6 Hours

Content: Advanced Theories of Lighting Design 2. Lighting for special performances: Special Events, Concerts, Civic Events.

Workshop: Special Event Lighting Design and set up.

Student Performance Objectives (SPO): Create Light plots & paperwork II - Demonstrate an understanding of style, color, texture, angle and mood as they relate to lighting design., Alternate script.

Out-of-Class Assignments: Create Light plots & paperwork II, Alternate script Demonstrate an understanding of style, color, texture, angle and mood as they relate to lighting design., Alternate script.

2 Hours

Content: Final Presentation

METHODS OF INSTRUCTION:
Lecture, Group work projects, practical application exercises

METHODS OF EVALUATION:
Category 1 - The types of writing assignments required:
Percent range of total grade: 15 % to 20 %

Reading Reports

Essay Exams

Other: Performance and Presentation

If this is a degree applicable course, but substantial writing assignments are NOT appropriate, indicate reason:
Course is primarily computational

Category 2 - The problem-solving assignments required:
Percent range of total grade: 20 % to 25 %

Field Work

Lab Reports

Quizzes

Exams

Category 3 - The types of skill demonstrations required:
Percent range of total grade: 15 % to 30 %

9/22/2014 4
Class Performance/s
Performance Exams
Category 4 - The types of objective examinations used in the course:
Percent range of total grade: 15 % to 20 %
Category 5 - Any other methods of evaluation:

REPRESENTATIVE TEXTBOOKS:
Required:
Recommended text per C-ID.
Reading level of text, Grade: 12th Verified by: JLH
Other textbooks or materials to be purchased by the student: None

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
   Transferable CSU, effective 201470
UC TRANSFER:
   Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: THEA
CSU Crosswalk Course Number: 27
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: E
Maximum Hours: 3
Minimum Hours: 3
Course Control Number: CCC000553687
Sports/Physical Education Course: N
Taxonomy of Program: 100700