Syllabus

DATE OF LAST REVIEW: 02/2013
CIP CODE: 24.0101
SEMESTER: DEPARTMENTAL SYLLABUS
COURSE TITLE: Stage Lighting II
COURSE NUMBER: THTR0260
CREDIT HOURS: 03
INSTRUCTOR: DEPARTMENTAL SYLLABUS
OFFICE LOCATION: DEPARTMENTAL SYLLABUS
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PREREQUISITES: THTR0160 Stage Lighting I

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION: This course examines advanced theories and methods of stage lighting for all production types. An in-depth study of technical/theoretical facts, the artistic/design concept development, and the "teamwork" structure of theatre. Advanced work in stage lighting optics, instrument selection and application, color theory, circuiting and computerized control systems, special effects, and production design.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, and panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:
I. Controllable qualities of light
   A. Distribution
B. Intensity
C. Movement
D. Color

II. Functions of Stage Light
A. Visibility
B. Selective focus
C. Modeling
D. Mood

III. Designing with Light
A. Key and Fill
B. Psychological Effects of Light
C. Review: Electrical Theory and Practice
D. Lighting production
   1. Lenses
   2. Lamps
   3. Lighting instruments
   4. Dimmers
   5. Cables and connectors
   6. Circuiting

IV. The Light Plot and related paperwork
A. The Light Plot
B. The Legend
C. The Vertical Lighting Schedule

V. The Image of Light
A. The Lighting Key
B. Using the Lighting Key to Draw the Light Plot
C. Layering
D. Designing Lights for Thrust and Area Stages

VI. Drawing the Light Plot and Lighting Section on Computer
A. Determining the Sectional Angle
B. Selecting the Instrument Size

VII. Rehearsal and Performance Procedures
A. Electrician’s Cue Sheet
B. Recording dimmer Intensity levels
C. Designer’s Cue sheet
D. Lighting Rehearsal
E. Technical and Dress Rehearsals
F. Instrument and Dimmer Check

EXPECTED LEARNER OUTCOMES:
A. Demonstrate a proficiency in designing a light plot for a theatrical production.
B. Demonstrate a proficiency in supervising the hanging and focusing a light plot.
C. Demonstrate a proficiency in cuing a computerized light board.
D. Demonstrate a proficiency in communication and collaboration skills in working with directors, designers, and crew members on a production.
COURSE COMPETENCIES:

Demonstrate a proficiency in designing a light plot for a theatrical production.

1. The student will identify through application of design the basic nomenclature of stage lighting, including the nature of light, basic optics, reflection systems, instruments types and their applications.
2. The student will demonstrate a proficiency in relating electrical theory through stage application of design.
3. Through a practical application of design the student will apply solar theory to stage use.
4. Through a practical application of design the student will examine and explain advanced theories of stage lighting design in regard to different spaces and types of productions.
5. Through a practical design application the student will be identify advanced components of stage lighting graphics and design techniques.
6. Through a practical design application the student will apply advanced circuiting and dimmer application to stage lighting design.
7. Through the implementation of a practical lighting design the student will describe and apply the collaborative nature of theatre design in terms of developing advanced light plots to coordinate with the director's and other designers' concepts.
8. Through the implementation of a practical lighting design the student will be able to develop full lighting plots, instruments schedules, hook-up sheets and show levels.

Demonstrate a proficiency in supervising the hanging and focusing a light plot.

9. Apply advanced circuiting and dimmer application to stage lighting design.
10. Demonstrate advanced ability to read a light plot and a ground plan
11. Demonstrate advanced ability to make instrument annotations
12. Demonstrate advanced ability to use instrument and color keys
13. Demonstrate advanced ability to follow an instrument schedule and hookup
14. Demonstrate advanced ability to identify and facilitate additional paperwork (hanging cardboards, cheat sheets, magic sheets, and color keys)
15. Demonstrate advanced ability to facilitate design for special effects.
16. Demonstrate increased ability in the use and care of stage lighting equipment.
17. Demonstrate increased organizational skills.
18. Demonstrate ability to hang and focus lighting plot on schedule.

Demonstrate a proficiency in cuing a computerized light board.

19. Explain and identify primary components of a dimmer board.
20. Explain and identify primary components of lighting circuitry.
21. Explain and identify key components of light board.
22. Demonstrate knowledge of computerized light board programming.

Demonstrate a proficiency in communication and collaboration skills in working with directors, designers, and crew members on a production.

23. Demonstrate ability to apply play analysis to lighting design.
24. Demonstrate ability to communicate and collaborate within a production meeting.
25. Demonstrate ability to communicate and collaborate effectively when working with a lighting crew.
26. Demonstrate ability to communicate and collaborate effectively during production.

ASSESSMENT OF LEARNER OUTCOMES:
Assessment methods may include, but are not limited to, the following: Homework, Quizzes, Class Participation, Journals, Essay papers, a written Mid-term and Final Examinations, and evaluation of the student’s final lighting project: including all written lighting plots, schedules, hook-up sheets and show levels, and execution and implementation of the design in production.

SPECIAL NOTES:

This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

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