SYLLABUS

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

KCKCC issued email accounts are the official means for electronically communicating with our students.

PREREQUISITES: None

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 basic theories and methods of stage lighting for all production types. Emphasis on technical/theoretical facts, artistic/design concept development, and "teamwork" structure of theatre. This course also examines stage lighting optics, instrument selection and application, color theory, circuiting and control systems, and basic 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. Nomenclature for stage lighting design
A. Nature of light
B. Optic systems
C. Reflection and refraction
D. Instrument types and application
E. Hanging positions
   1. Stage positions
   2. Front of House (FOH) positions
F. Light sources

II. Stage lighting and electricity
A. Atomic theory
B. Conductors and insulators
C. Sources of electric currents
D. Electric units of measurement
E. Direct and alternating current
F. Circuiting
G. Stage conductors
H. Electrical safety

III. Color Theory
A. Principles of the Additive Color System
B. Additive Color System in conjunction with Subtractive Color System
C. Color filters and their applications
D. Designing with color

IV. Theories of Stage Lightning Design
A. History of stage lighting design
B. Application for proscenium productions
   1. Drama
   2. Music forms
   3. Audio visual
C. Application for round and thrust staging
D. Dance lighting
E. Design decisions
   1. Field angles
   2. Relative angles
   3. Color mixing
   4. Number and types of instruments
   5. Lighting the actor
   6. Lighting the background
F. Special effects and projections

V. Basic components of stage lighting design graphics and design applications
A. Light plots and ground plans
B. Instrument annotations
C. Instrument and color keys
D. Instrument schedule and hookup
E. Lighting sections
F. Additional paperwork
   1. Hanging cardboards
   2. Cheat Sheet
   3. Magic Sheet
   4. Color Key

G. Computer programs for lighting design

VI. Circuit and dimmer applications
   A. Dimmer and circuit assignments
   B. Working with the director on concepts
   C. Working with the scene and costume designers

VIII. Development of lighting plots
   A. Plots and sectional views
   B. Schedule sheets
   C. Hook-up sheets
   D. Cuing

EXPECTED LEARNER OUTCOMES:
Upon successful completion of this course, the student should be able to
A. Demonstrate an understanding of stage lighting nomenclature and electricity
B. Explain theories of stage lighting theory.
C. Demonstrate an understanding of stage lighting graphics and design applications

COURSE COMPETENCIES:
Demonstrate an understanding of stage lighting nomenclature and electricity.
1. Identify the basic nomenclature of stage lighting, including the nature of light, basic optics, reflection systems, instruments types and their applications.
2. Relate electrical theory to stage application.
3. Apply solar theory to stage use.

Explain theories of stage lighting theory.
4. Examine the theories of stage lighting design in regard to different spaces and types of productions.
5. Identify key developments in the history of stage lighting design
6. Identify the application of lighting for proscenium productions
7. Identify the application of lighting for round and thrust staging
8. Explain the difference in application of lighting for dance
9. Demonstrate an understanding of Design decisions
10. Identify use of special effects and projections in lighting design.

Demonstrate an understanding of stage lighting graphics and design applications
11. Apply basic circuiting and dimmer application to stage lighting design.
12. Demonstrate ability to read a light plot and a ground plan
13. Demonstrate ability to make instrument annotations
14. Demonstrate ability to use instrument and color keys
15. Demonstrate ability to follow an instrument schedule and hookup
16. Demonstrate ability to identify and facilitate additional paperwork (hanging cardboards, cheat sheets, magic sheets, and color keys)
17. Demonstrate basic knowledge of computer programs for lighting design
18. Explain design application in relation to directors.
19. Explain design application in relation to set design.
20. Explain design application in relation to costume design.
21. Explain design application in relation to actors.
22. Create a basic light plot.
23. Demonstrate ability to read, hang and focus a basic light plot.

ASSESSMENT OF LEARNER OUTCOMES:
Assessment methods may include, but are not limited to, the following: Homework, Quizzes, Class Participation, Chapter Tests, Essay Papers, Scenic Construction, Lighting Design, Participation on a Department of Theatre Technical Crew, and a Final Examination. The grading scale and the process for calculating the course grades are to be determined by the individual instructors. This information will be included in each instructor's syllabus.

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.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center at 913-288-7670.