

COURSE SYLLABUS

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| LAST REVIEW | Spring 2021 | | |
| COURSE TITLE | Stage Lighting I | | |
| COURSE NUMBER | THTR 0160 | | |
| DIVISION | Art, Communications, and Humanities | | |
| DEPARTMENT | THTR | | |
| CIP CODE | 24.0101 | | |
| CREDIT HOURS | 3 | | |
| CONTACT HOURS/WEEK | Class: 3 | Lab: X | Clinical: X |
| PREREQUISITES | None | | |

COURSE PLACEMENT Students must meet the correct placement measure for this course. Information may be found at:
<https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html>

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.

KANSAS SYSTEMWIDE TRANSFER: THTR0160

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents.

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:
https://kansasregents.org/workforce_development/program-alignment

General Education Learning Outcome

- ☐ Basic Skills for Communication
- ☐ Mathematics
- ☐ Humanities
- ☐ Natural and Physical Sciences
- ☐ Social and Behavioral Sciences

Institutional Learning Outcomes

- ☐ Communication
- ☐ Computation and Financial Literacy
- ☐ Critical Reasoning
- ☐ Technology and Information Literacy
- ☐ Community and Civic Responsibility
- ☐ Personal and Interpersonal Skills

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS 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, 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

COURSE LEARNING OUTCOMES AND COMPETENCIES

Upon successful completion of this course, the student will:

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

ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.