

University of Arkansas – Fort Smith
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General Syllabus

THEA 3543 Lighting Design

Credit Hours: 3

Lecture Hours: 3

Prerequisite: THEA 2513 Fundamentals of Design or consent of instructor

Effective Catalog: 2019-2020

I. Course Information

A. Catalog Description

Use of light as means of artistic expression, and the study of the controllable properties associated with lighting design.

B. Additional Course Information

This course is required for students receiving a Bachelor's degree in Theatre (Design/Tech) or Theatre (Acting/Directing) and is an optional requirement in a theatre minor. It may be taken by students in other disciplines as an elective, if prerequisites are met.

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Utilize the controllable properties of light to create successful designs.
2. Demonstrate the functions of light in story-telling.
3. Produce correct documentation for lighting design.
4. Critically analyze designs for appropriate and creative choice-making.
5. Solve design problems in lighting using modern technology.
6. Compare and contrast lighting design needs for various venues and media.
7. Work collaboratively as part of a design team.
8. Create an appropriate lighting design.

B. University Learning Outcomes

This course enhances student abilities in the following general education areas:

Communication Skills (written and oral)

Students will use design language and tools to successfully transmit choices to the audience through lighting design

Analytical Skills**Critical Thinking**

Emphasis on computer aided design tools, electrical and electronic media, and the other various systems of the lighting trade.

III. Major Course Topics

- A. Control Function
- B. Color
- C. Modeling
- D. 3 and 5 Point Lighting Theory
- E. Lighting for Various Media and Venues
- F. Light Documentation
- G. Design Process
- H. History of Lighting