

**Course Outline for:** THTR 1145 Lighting and Sound**A. Course Description**

1. Number of credits: 3
2. Lecture hours per week: 3
3. Prerequisites: THTR 1151
4. Corequisites: None
5. MnTC Goals: Goal 6 The Humanities & Fine Arts

The purpose of this course is to provide an introduction to techniques and methods used to realize lighting and sound plots, with particular attention paid to the technical skills required to prepare, set, and run lighting and sound equipment in production.

**B. Date last reviewed/updated:** December 2021**C. Outline of Major Content Areas**

1. Implement a lighting and sound design for the stage
2. Understand basic electricity and circuitry
3. Understand the properties of light and sound
4. Understand the basic and practical purposes of stage lighting and sound
5. Understand lighting and sound equipment, instruments and control panels
6. Create paperwork necessary for implementing a lighting and sound design.
7. Practice hanging and focusing lighting instruments and sound equipment.
8. How to set cues
9. Create unity and style in the operation of lighting and sound cues.

**D. Course Learning Outcomes**

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

1. Describe what constitutes an effective design for lighting and sound elements. (Goals 2a, 2b, 2c, d, 6a, 6b, 6c, 6e)
2. Demonstrate knowledge of basic electricity and circuitry as it pertains to stage lighting and sound. (Goal 2a, 2c, 6a, 6d)
3. Exhibit familiarity with lighting and sound equipment. (Goal 2a, 6a, 6d, 6e)
4. Create the necessary paperwork for implementing a lighting and sound design.(Goal 2a, 2b, 6a, 6d)
5. Implement a lighting and sound design. (Goal 2a, 2b, 2c, 2d, 6a, 6d)

**E. Methods for Assessing Student Learning**

1. Class attendance and participation
2. Written reports and critiques on plays attended
3. Completion of design assignments and projects
4. Oral evaluation of creative projects

**F. Special Information**

Students must bear the expense of tickets to assigned theatre performances and for special materials and equipment needed.