

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY CST 251 - STAGE LIGHTING AND SOUND (3 CR)

Course Description

Provides students with a basic understanding of the principles of stage lighting and sound. Instructs students in the fundamentals of stage lighting such as: functions of lighting, qualities of light, design, basic electricity, lighting instruments and equipment, board operation, and safety. Instructs students in the functions of sound, equipment, design, and sound operation. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose

To develop an advanced understanding of lighting and sound for the stage

Course Prerequisites/Corequisites

Prerequisite: CST 136 or instructor permission. Fluency in Standard American English; recommend proficiency in reading and writing at English 111 level

Course Objectives

Upon completing the course, the student will be able to:

- Employ proper theatrical terminology for lighting and sound design
- Create effective lighting and sound designs for a theatrical production
- Analyze text with the purpose of developing various specific lighting and sound effects to enhance the storytelling process.
- Explore how various genres may influence the sound and lighting effects utilized in the production
- Safely handle electricity when using sound and lighting equipment in a theatrical environment
- Identify and use theatrical lighting instruments and sound equipment
- Execute lighting and sound designs
- Read, create and execute light plots
- Read, create, and execute sound plots

Major Topics to be Included

- History of theatrical sound and lighting
- Theory of light
- Theory of sound
- Play analysis
- Sound and lighting design aspects
- Safety in theatre
- Basic electricity

- Theatrical unions
- Software for lighting and sound design
- Lighting and sound instruments and control systems
- Lighting and sound instruments and control systems