

LIGHTING AND SOUND I – THEA 1030-001

Tuesday & Thursday 9:30 – 10:50, 11:00-11:50

Course Description

The goal of this class is to build the students understanding of the tools, equipment, and theories of stage lighting and sound so they may take on the role of a Stage Electrician successfully and with confidence. It is also a goal to prepare the learner for further training in these areas.

This class will cover basic terminology, equipment, personnel and procedures for lighting and sound production in performing arts. Topics include introductions to lighting equipment, basic electricity, optics, color in light, sound equipment, acoustics, sound recording and playback, music and sound effects and safety considerations.

Course Structure

This course takes place in face-to-face meetings and through participation in Canvas. We will utilize hands on interaction with equipment, readings, online tutorials, and discussion boards.

Course Objectives

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

- Articulate why various lighting and sound systems are used
- Explain the choices of specific equipment and modifications
- Implement design and equipment choices for a production
- Operate theatrical lighting and sound equipment safely.

Prerequisites

There are no required prerequisites for this course.

Communication

- Instructor: Professor Adam Chamberlin
- Zoom Hours: Tuesday and Thursday, 1:00pm to 2:00pm, or by appointment
 - <https://unt.zoom.us/j/89447917424> (Links to an external site.)
- Phone: 940.369.7592
- Email: Adam.Chamberlin@unt.edu

Theatre is about communication, so I want to make myself accessible as possible. You can always email me any questions or concerns you have and I will do my best to

respond within 24 hours. Take advantage, there is no such thing as a stupid question. Please feel free to post any general questions to the Q & A forum in the Discussion Board area. You never know when your classmates answer will be better than mine.

Course Activities & Assessments (1,000 points total)

Activities

- In-class discussion, assignments, readings (325 points)
- Design your own lighting instrument (25 points)
- Document sunset/sunrise (25 points)
- Lighting technology project (50 points)
- Lighting design project (50 points)
- Sound technology project (50 points)
- Sound design project (50 points)
- 3 Lighting and/or Sound opinion critiques of professional productions (each is 25 points for a total of 75)

Assessments

- Quizzes on topics discussed or to be discussed (100 points)
- Lighting Progress Exam (75 points)
- Sound Progress Exam (75 points)
- Final Progress Exam (100 points)

Grading

- A: 90-100% (The student performs well above the minimum criteria.)
- B: 80-89% (The student performs above the minimum criteria.)
- C: 70-79% (The student meets the criteria of the assignment.)
- D: 60-69% (The student fails to meet the minimum criteria.)
- F: 59 and below (The student fails to complete the assignment.)

Grade-related Policies

Late Work

All work turned in after the deadline will receive a grade deduction unless the student has a [university-excused absence \(Links to an external site.\)](#) and provides documentation. If you are having trouble with handing in your work, let's find a solution together.

Turnaround Time

I strive to return assignments within 1 week of the due date. If that becomes unlikely, I will let you know when it can be expected.

Extra Credit

There is the possibility of extra credit to work on department productions. If the opportunities arise, I will inform you of the amount of credit available.

Course Requirements

Materials Required

- A computer you can download software to; have access to; and you have administrative privileges on.
- 12" architects scale ruler
- dedicated USB drive (used only for this class)
- 6" or 8" adjustable wrench

Required Texts

Gillette, J. Michael. *Theatrical Design and Production*. 7th Edition. McGraw Hill. 2012.

Attendance

Treat this class as a production you are working: show up and be on time.

- 3 Lates (1-15 minutes after the start of class) will count as an absence
- 2 Really Lates (15-30 minutes) will count as an absence
- After 30 minutes, lateness will be counted as an absence

Life happens to us all. If there is a lateness or absence for a reason other than University approved activities, religious observances, medical emergencies of a close relative or yourself (documentation required), let's work towards a reasonable remedy.

Labs

As part of the hands-on training in this class, you will participate in a lighting installation and a lighting focus for one of the departments productions this semester. These are long trainings and occur on Saturdays and Fridays. During the second class, you will be able to submit your preferences. Every effort will be made to honor your choices.

UNT and Department of Dance and Theatre Policies

Class Policies

Cellphones and outside communication can be a distraction to the speaker, to other students, and to yourself. Please silence and limit the use of your phones, smart watches, tablets, and computers unless being directly used for educational purposes. If there is an extraordinary need to have access, please speak to the instructor prior to the start of class.

Be kind to your colleagues. We will be having open discussions about design and technology, helping each other to understand techniques and processes.

On workdays, please dress appropriate to the task. Closed toed shoes and clothes you are ok getting dirty.

Our classroom is the theatre. There are no drinks or food allowed except for water that may be sealed.

Safe Space

This class is a safe space where all are welcome regardless of race, gender, creed, nationality, or any other external barriers that are perceived to separate us. The utmost respect will be given to the students and the faculty member expects the same in return. Students also must be respectful of their classmates and guests.

If at any time you do not believe this principal is being upheld, please visit with the faculty member and if that is not possible or you do not feel comfortable doing so please see the department chair.

You are also able to contact the Office of the Dean of Students with any of your concerns.

deanofstudents@unt.edu This is also a fantastic resource if you are having any issues related to your education at UNT.

Department of Dance and Theatre Policies

Instructors can drop students on the first day of class for being absent without prior arrangement.

Dance/ Theatre students are expected to budget and organize their time and efforts in order to meet both their academic and production commitments satisfactorily and on time. The faculty and staff recognize that the academic and production assignment within the Department as well as outside employment and other obligations sometimes impose conflicting pressures on Dance/ Theatre students. One of the principal responsibilities of each student is to carefully identify and monitor the commitments that compromise of their departmental assignments and outside obligations. It is also important to keep in mind that production work and outside obligations do not constitute an excused absence from any class or from the completion of any required class assignment.

Theatre majors must maintain at 2.0 GPA within their major classes.

UNT POLICIES

Academic Integrity Standards and Consequences

According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

ADA Accommodation Statement

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their

eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at disability.unt.edu.

Course Safety Procedures (for Laboratory Courses)

While working in laboratory sessions, students enrolled are required to follow proper safety procedures and guidelines in all activities requiring lifting, climbing, walking on slippery surfaces, using equipment and tools, handling chemical solutions and hot and cold products. Students should be aware that UNT is not liable for injuries incurred while students are participating in class activities. All students are encouraged to secure adequate insurance coverage in the event of accidental injury. Students who do not have insurance coverage should consider obtaining Student Health Insurance. Brochures for student insurance are available in The UNT Student Health and Wellness Center. Students who are injured during class activities may seek medical attention at the Student Health and Wellness Center at rates that are reduced compared to other medical facilities. If students have an insurance plan other than Student Health Insurance at UNT, they should be sure that the plan covers treatment at this facility. If students choose not to go to the UNT Student Health and Wellness Center, they may be transported to an emergency room at a local hospital. Students are responsible for expenses incurred there.

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to the UNT Learning Management System (LMS) for contingency plans for covering course materials.

Survivor Advocacy

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565-2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu or at (940) 565 2759.