

Fall 2023
Lecture TR 9:30-10:50 a.m.
Lab TR 11-11:50 a.m.
RTFP 110

Instructor: Cody Stockstill, M.F.A.
Email: William.Stockstill@unt.edu
Office: RTFP 223
Office Hours: M 10:30-12, or by appointment

Description of Course and Learning Objectives

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 make take on the role of a Stage Electrician successfully and with confidence. Additionally, upon successful completion of this course, students will be prepared 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 intro to lighting equipment, basic electrical, optical, and color in light theory, sound equipment, acoustics, sound recording and playback, music and sound effects, and safety considerations.

Learning Outcomes

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; and
- Operate theatrical lighting and sound equipment safely.

Text, Computer, and Software

Please note that all quizzes, tests, and in-class discussions are based on the readings and notes made available on Canvas.

Text

Various readings will be assigned through Canvas throughout the semester.

Plays

TBD—Several plays will have links on the course Canvas site and are copyright free. Please save a tree and read these in digital format.

Computer & Software

- A computer you can download software to, have access to, and you have administrative privileges on
- 12" architectural scale ruler
- USB drive (used only for this class)
- 6" or 8" adjustable crescent wrench
- Vectworks 2023 free student license (link on Canvas)
- QLab 5 free (link on Canvas, Mac only program, DAF lab Macs has this program installed)

Attendance and Late Assignments

Attendance

- Students are expected to attend each class, unless excused circumstance (see below) or a University excuse is provided. Attendance will be taken at the top of each course meeting. It is the student's responsibility to ensure they have signed the role. The role will not be available to sign once the course meeting time has ended.
- You have 2 *freebie* unexcused absences for the semester. Each unexcused absence thereafter results in **2 points deduction per absence from your final grade**.
- Excused Absences
 - Religious holy day, including travel for that purpose;
 - Active military service, including travel for that purpose;
 - Participation in an official university function;
 - Illness or other extenuating circumstances;
 - Pregnancy and parenting under Title IX; and
 - When the University is officially closed.
- How to notify of an excused absence?
 - Students must request an excused absence in writing (e-mail), providing satisfactory evidence to the instructor. This can be completed in a reasonable time before or after the absence.

Late Assignments

Unless a University approved excuse is provided, no late late assignments will be accepted. If an excused absence is allowed, an updated due-date will be assigned for the affected assignments.

Grading Scale, Assignments, and Lab

A	90-100%	Excellent
B	80-89%	Above Average
C	70-79%	Average
D	60-69%	Below Average
F	0-59%	Failing

Assignment—30 pts/150 total

1. Sunrise/Sunset
2. Lighting Instrument
3. Color
4. Research
5. Key Moment

Project—75 pts/225 total

1. Lighting Tech
2. Lighting Design
3. Sound

Lab—150 total

Production Critique—50 pts/100 total

1. *Peter and the Starcatcher*
2. *Antigone*

Tests—100 pts/200 total

Canvas

This course will utilize Canvas throughout the semester. All assignments will be submitted by midnight on the date due through file upload, unless noted otherwise.

Lab

Students enrolled in Thea 1030 also are enrolled in Section 301, which is the lab for this course. The lab will meet from TR 11-11:50 throughout the semester. Additionally, students **must** attend one (1) hang and one (1) focus for UNT productions. Dates for these are listed below. Students will sign up for each of these requirements via the provided link (posted on Canvas). Grading is straightforward in the laboratory section. Complete the assigned task or goal for the lab and you get full credit for the lab.

Peter & the Starcatcher

Hang - Saturday, Sept 23, time TBD

Focus - Thursday, Sept 28, 1-6 p.m. & Friday, Sept 29, 1-11 p.m.

Antigone

Hang - Saturday, Oct 21, time TBD

Focus - Thursday, Oct 26, 1-6 p.m. & Friday, Oct 27, 1-11 p.m.

Production Attendance

Students enrolled in this course are required to attend two (2) UNT Dance and Theatre productions. All students enrolled in a theatre class get a FREE ticket to each show. In viewing these productions, you will critically critique a single area of design of the production. An assignment writeup will be posted on Canvas prior to each production giving you the instruction of your written response. Information about the productions can be found below

Peter and the Starcatcher by Rick Elice

October 5, 6, 7 @ 7:30 p.m.

October 7, 8 @ 2:00 p.m.

UNT Studio Theatre

Antigone by Sophocles

November 2, 3, 4 @ 7:30 p.m.

November 4, 5 @ 2:00 p.m.

UNT University Theatre

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.

If a student submits work that includes any of the above behaviors the following actions will be taken:

- The student will be notified in writing and a meeting between the student and professor will be requested.
- 1st Offense - students received a zero for the graded assignment.
- 2nd Offense - the student will be reported to the Office of Academic Integrity for a violation of the University policy.

ADA Accommodation:

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.

Emergency Notification and 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.

Tentative Course Schedule

Date	Subject/Objective	Readings Due	Assignments Due
WEEK 1			
Aug 22	Intro to Class		
Aug 24	Intro to Designing with Light		
WEEK 2			
Aug 29	Lighting Production Team		
Aug 31	Electrical Theory & Practice		Assign - Sunrise/ Sunset
WEEK 3			
Sept 5	Lenses & Lamps		
Sept 7	Lighting Instruments LAB: Lighting Instruments		
WEEK 4			
Sept 12	Cables & Connectors LAB: Hang and Focus		
Sept 14	Intensity Control		Assign - Lighting Instrument
WEEK 5			
Sept 19	Color Theory in Lighting LAB: Color Mixing		
Sept 21	Advanced Tech Instruments LAB: Color Mixing		
WEEK 6			
Sept 26	Review		Assign - Color
Sept 28	Test 1		
WEEK 7			
Oct 3	The Design Process		
Oct 5	The Image of Light		Project 1: Lighting Tech
WEEK 8			
Oct 10	<i>The Bacchae</i>	<i>The Bacchae</i>	Production Critique 1
Oct 12	<i>The Bacchae</i> - Research		Assign - Research
WEEK 9			
Oct 17	The Lighting Key		
Oct 19	<i>The Bacchae</i> - Key for Moments		Assign - Key Moments

Date	Subject/Objective	Readings Due	Assignments Due
WEEK 10			
Oct 23	Light Plots		
Oct 25	Drafting	USITT Drafting Standards for Lighting	
WEEK 11			
Oct 31	Vectorworks		
Nov 2	Physics of Sound		
WEEK 12			
Nov 7	Sound Systems		Production Critique 2
Nov 9	Microphones		Project 2: Lighting Design
WEEK 13			
Nov 14	Mixers & Loudspeakers		
Nov 16	Computer Playback & QLab		
WEEK 14			
Nov 21	Thanksgiving Break No Classes		
Nov 23			
WEEK 15			
Nov 28	QLab Demo		
Nov 30	Wiggle Day		
WEEK 15			
Dec 5	Wiggle Day		
Dec 7	Wiggle Day		Project 3: Sound
WEEK 16			
Dec 14	Test 2 @ 8-10 a.m.		