Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: https://catalog.uvu.edu/

Semester: Spring
Course Prefix: THEA
Course Title: Lighting Design I

Year: 2025
Course and Section #: 3531 001
Credits: 3

Course Description

Focuses on the designing and practical application of theatrical lighting and sound. Includes laboratory work on UVU theatre productions.

Course Attributes

This course has the following attributes:
- ☐ General Education Requirements
- ☐ Global/Intercultural Graduation Requirements
- ☐ Writing Enriched Graduation Requirements
- ☒ Discipline Core Requirements in Program
- ☐ Elective Core Requirements in Program
- ☐ Open Elective

Other: *Click here to enter text.*

Instructor Information

Instructor Name: Graham Whipple

Student Learning Outcomes

- Learn to control light for a theatrical production
- Define standard USITT drafting practices and terminology
- Identify lighting instruments and their applications
- Articulate design concepts and ideas with members of production team
- Refine and develop the technical skills necessary to effectively manipulate theatrical and mainstream lighting equipment
- Develop an understanding of how elements of design apply to theatrical lighting
- Develop an aesthetic language for lighting and design

Course Materials and Texts

Texts

Blithe Spirit
By Noel Coward
Designing with Light: An Introduction to Stage Lighting (7th Edition)
By J. Michael Gillette and Michael McNamara
ISBN-13: 978-0367000691
Software (these are available in the computer lab)

· Vectorworks 2024 or 2025

· Lightwright 6

· Capture 2024 Student Edition or Capture Symphony 2018

· ETC Nomad (ETC EOS Family Offline Editor) v3.2.5 or higher

Other Materials

· 2 GB USB-A Flash Drive (or larger)

Course Requirements

Course Assignments, Assessments, and Grading Policy
Students are expected to attend class. Classes will be held in person unless otherwise notified. It is
important to attend class in order to fully engage with the material. If you are unable to attend class
due
to illness, please contact your instructor about either joining virtually via Microsoft Teams or
watching a
recording of class. Virtual attendance and recordings must be requested at least 30 minutes before the
start of the class period and neither give you the opportunity to fully participate in class. The
availability
of Teams access and class recordings cannot be guaranteed.
Show Attendance
You are expected to see 2 UVU Mainstage productions this semester and to write critiques of their
lighting. Below are the shows that you must see. Please purchase tickets early to ensure that you get a
ticket before these productions sell out.
The Whole Story (Bastian Theatre) 7:30pm 2/21, 2/22, 2/25, 2/26, 2/27, 2/28, 3/1.
ASL/Sensory Friendly/Talkback 2/26
Little Women (Smith Theatre) 7:30pm 4/4, 4/5, 4/9, 4/10, 4/11, 4/12.
Canvas
I'll use Canvas in this course as a means for communication as well as dissemination
of information. Please take care to check Canvas regularly. If you don't currently receive notifications
to
your email from Canvas, you might take the time to enable notifications to prevent missing valuable
information.
SAST (Short Attention Span Theatre)
As part of this course, you will design lighting for a realized production of a 10-minute play. You will
be required to communicate with designers, directors, and stage managers in other classes
throughout that process and will need to attend some rehearsals. You will also be required to attend
technical rehearsals to implement your lighting design.
SAST has technical rehearsals in the Student Theatre (GT 632) on 4/7, 4/8, 4/14, 4/15, and 4/16 from
approximately 5:30 to 10:00pm. You are expected to be available for all these times, though the
schedule of exactly who needs to be there for each hour has not yet been determined. We will also
look for volunteers from this class to run the light board for performances on 4/17 and 4/18. This
schedule may change slightly as the semester progresses.
Grading

Your final grades will be based on a 1000 point scale. You will be awarded points based on the following:

Homework and Assignments 100
Programming Project 100
Art Recreation Project 150
SAST Lighting Design 250
Final Exam – Blithe Spirit 400
Total 1000 pts

You will be assigned a final letter grade in accordance with the values below.

3

A 100 - 94
A- 93.9 - 90
B+ 89.9 - 86
B 85.9 - 83
B- 82.9 - 80
C+ 79.9 - 76
C 75.9 - 73
C- 72.9 - 70
D+ 69.9 - 66
D 65.9 - 63
D- 62.9 - 60
E 59.9 and below

Required or Recommended Reading Assignments

Click here to enter text.

General Description of the Subject Matter of Each Lecture or Discussion

Day	Date	Class Topic	Assignments Due
Tuesday	1/7/2025	Introductions and course overview, the role of the LD	
Thursday	1/9/2025	Functions and Qualities of Light	**Semester Goals**
Tuesday	1/14/2025	Sources of Light, Types of Fixtures: Part 1	Read SAST Plays Reading: Page 1-12

Thursday	1/16/2025	Types of Fixtures: Part 2	**SAST Show Choice Living Room Lighting** Reading: Page 13-23 Reading: Page 45-62
Tuesday	1/21/2025	Lighting Areas, Beam Calculations	**Art Analysis #1** Reading: Page 62-84
Thursday	1/23/2025	Script Analysis for Lighting Design	**Meet with SAST Team**
Tuesday	1/28/2025	Basic Electricity	Reading: Page 24-35
Thursday	1/30/2025	DMX and Control Systems	**Electricity Worksheet** Reading: Page 105-113
Tuesday	2/4/2025	Research and Concept	**SAST Script Breakdown** Reading: Page 113-126
Thursday	2/6/2025	Intro to EOS	**SAST Initial Research** Reading: Page 190-198
Tuesday	2/11/2025	EOS Console Programming	Reading: Page 198-208

Thursday	2/13/2025	EOS Console Programming	Reading: Page 209-220
Tuesday	2/18/2025	EOS Programming	**SAST Concept**
Thursday	2/20/2025	Programming Project Presentations	**EOS Programming Project**
Tuesday	2/25/2025	Reading a Light Plot, SAST Light Plot	
Thursday	2/27/2025	Blithe Spirit Project Introduction	**Art Analysis #2** Reading: Page 221-228 **Attend SAST Rehearsal** Read Blithe Spirit
Tuesday	3/4/2025	Lighting Renderings (USITT)	**Art Recreation Art Selection SAST Renderings and Cue List**
Thursday	3/6/2025	Lighting Renderings (USITT)	**SAST Lighting Requests** Reading: Page 229-240
Tuesday	3/11/2025	SPRING BREAK	
Thursday	3/13/2025	SPRING BREAK	
Tuesday	3/18/2025	Art Recreation Presentations/Angles of Light	**Lighting Critique #1 Art Recreation Project**
Thursday	3/20/2025	Color Theory	Reading: 143-160 **Blithe Spirit Script Breakdown**
Tuesday	3/25/2025	Introduction to Vectorworks	Reading: 160-167
Thursday	3/27/2025	Vectorworks Fixtures and Tools	**Final SAST Research Blithe Spirit Research**
Tuesday	4/1/2025	Tech Process	**Final SAST Renderings** Reading: Page 241-249
Thursday	4/3/2025	Vectorworks Imports and Exports	**Final SAST Cue List** Reading: Page 250-262
Tuesday	4/8/2025	Vectorworks Rendering	Reading: Page 263-274 SAST Tech

Thursday	4/10/2025	Lightwright and Paperwork	Reading: Page 275-283
Tuesday	4/15/2025	Flex Day	Reading: Page 284-293 SAST Tech
Thursday	4/17/2025	Work Day	**Lighting Critique #2 SAST Survey** Reading: Page 293-306
Tuesday	4/22/2025	SAST Post Mortem/Work Day	Reading: Page 307-315 SAST Survey
Thursday	4/24/2025	**Final Exam Period 11:00-12:50pm**	**Blithe Spirit Design**

Required Course Syllabus Statements

Generative AI
AI programs are not a replacement for your human creativity, originality, and critical thinking. Writing,

thinking, and researching are crafts that you must develop over time to develop your own individual voice. Responsible and appropriate use of AI can help your workflows and develop a skill to use in the future. AI work is allowed in this course under the following limitations.

AI may be used to generate and organize initial ideas, preliminary research, and for checking grammar and style.

AI may not be used for writing entire sentences, paragraphs, or papers; creating final renderings; or replacing your own artistic efforts.

As with any material that you are using or referencing that you did not create, proper citation is important. For any submitted AI work, you must list the AI tool that was used and the prompt it was given. If you have any questions or concerns about the use of AI in this course, please speak with your instructor.

Using Remote Testing Software

☒ This course does not use remote testing software.

☐ This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU Accessibility Services at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their rights and responsibilities. In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in UVU Policy 541: *Student Code of Conduct*.

Equity and Title IX
Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation
UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.
To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a specially dedicated space for meditation, prayer, reflection, or other forms of religious expression.