

## **Stagecraft II (Lighting & Sound) TA-1320-01**

### **Spring 2017**

Monday/Wednesday: 9:30am – 12:00pm

Location: TA 208 (Above Scene Shop)

Instructor: Daniel Czypinski

Email: [dczypin@calstatela.edu](mailto:dczypin@calstatela.edu)

Office hours: By appointment only (Suggested time: M/W after class)

#### Course Objective:

- To provide students with a basic understanding and hands-on exploration of the art, materials, technical aspects, and conventions of theatrical lighting and sound design. In order to best accomplish these goals, students will switch Stagecraft sections half way through the semester and learn from Instructor Karyn Lawrence for lighting material, and then will return for the Final Project.

#### Text and Materials:

- Crescent wrench and proper attire for theater shop days.
- Required Text: Gillette, J. Michael, Theatrical Design and Production, 7<sup>th</sup> Ed.
- Recommended Text: Gary Davis & Ralph Jones, Sound Reinforcement Handbook, 2<sup>nd</sup> Ed.

#### Theater Etiquette/Shop Days:

- On days when we work in the theater or the shop, proper attire must be worn. This includes NO open-toed shoes, heels, sandals, or loose clothing/jewelry. Long hair must be tied back and pants are suggested. If proper safety attire is not worn, the student may be sent away and marked absent from class. Safe theater practices must be followed at all times.

#### Class Emails/Dropbox/Trello:

- Everyone will be expected to use email and have Internet access regularly.
- Everyone will be required to sign up and use Dropbox for online sharing of class documents. It is free and simple to use. It is a standard tool used by most professional theater companies across the country. If you need assistance, please ask the instructor.
- Everyone will be required to sign up and use Trello for class updates/changes and other task related communications. If you need assistance, please ask the instructor.

#### ADA Policy:

- The University provides reasonable accommodations to students with documented physical and learning disabilities. Faculty members fully support the Americans with Disabilities Act (ADA) and will provide reasonable accommodation to any student with a disability who is registered with the Office of Students with Disabilities (OSD) and needs and requests accommodation. OSD may be contacted to verify the presence of a disability and to confirm that accommodation is necessary. The Office for Students with Disabilities (OSD), located in Student Affairs Room 115 coordinates all documentation of disabilities. (323-343-3140) <http://www.calstatela.edu/univ/osd/>

#### Deadlines:

- Deadlines for exams, papers and exercise presentations will **NOT** be extended; late work will be graded down by **1 letter grade** for each day it is late.

Important Dates:

- M: 3/6
  - M: 3/27
  - W: 3/29
  - M: 4/17
  - M-W: 5/8-5/10
  - W: 5/10
- Sound Exam  
 No Class-Spring Break  
 No Class-Spring Break  
 Lighting Exam  
 Final Project in the State Playhouse  
 Tech Observation Papers are due emailed as a PDF by 5p

Course Requirements:

- *Grading will be as follows:*
  - Attendance & Participation (10%)
  - 15 Lighting/Sound Shop Hours (10%)
  - Sound Exam (20%)
  - Lighting Exam (20%)
  - Observation Paper (10%)
  - Final Project (30%)

Exams:

- You will have two "midterm" exams. One will be on the first half of the material (sound) and the second is on the second part of the material (lighting). You will switch professors half way through the semester to gain a better knowledge and understanding of the material.
- *Grades for Exams will be assigned as follows:*

A = 93 – 100%	B- = 80 – 82%	D+ = 67 – 69%
A- = 90 – 92%	C+ = 77 – 79%	D = 63 – 66%
B+ = 87 – 89%	C = 73 – 76%	D- = 60 – 62%
B = 83 – 86%	C- = 70 – 72%	F = 0 – 59%

Tech Observation Papers:

- You must sign up for a 2hr observation period for the tech of Candide (Feb. 24th-26<sup>th</sup>)
- Quietly sit in on part of a technical rehearsal. Take notes and do not disturb the rehearsal.
- Papers should be professionally written and average around 500 words.
- Papers are to be typed, double spaced and submitted as a PDF via email to the professor by due date. Please put your initials in the name of the paper.

Shop Hours:

- If you are enrolled in this class then you are also enrolled in the shop section for it as well. As part of your shop hours, you are to complete 15 of those 40 shop hours that are specifically dedicated to lighting and/or sound tasks.
- Make sure you have these hours signed off on by one of your instructors.
- Make sure they are completed by the Monday of Finals week.

Final Projects:

- You will be placed into groups of approximately 4-5 students.
- You will use your knowledge from all semester to properly install a lighting and sound plot in the State Playhouse.
- More details to come.

Attendance & Participation:

- Grades for attendance will be assigned as follows:

A = no missed classes	B- = 3 missed classes	D = 6 missed classes
A- = 1 missed class	C = 4 missed classes	D- = 7 missed classes
B = 2 missed classes	C- = 5 missed classes	F = 8+ missed classes

- Roll will be taken at the **top of class**. Latecomers will be marked LATE. Every TWO LATES MAKES AN ABSENCE.
- A doctor's note will be REQUIRED to excuse a missed class, no exceptions.
- No cell phones out in class.
- Some classes require group work and class collaboration. All students are expected to participate in theater hands-on activities, group projects and the final projects.

**Course Outline:**

<b>Date</b>	<b>Week</b>	<b>Synopsis</b>
M – 1/23	1	What is a Lighting & Sound Designer? What is an ME and an Audio Tech? <i>Class Introduction &amp; Goals, Discuss Dropbox &amp; Trello</i>
W – 1/25 (State Playhouse)	1	Theatre 101: Terminology, Backstage Basics Tour of the Playhouse, Introductions
M – 1/30	2	Guest Presenter: Industry Professional Sound Designer (TBA) (Lecture)
W – 2/1	2	Hierarchy of Theater Production/Management (who does what?) Process of a Sound Design (Lecture)
M – 2/6	3	The Nature of Sound: Frequency, Intensity, Acoustics (Lecture)
W – 2/8	3	Sound System Components and Configuration (Lecture/Demo)
M – 2/13 (State Playhouse)	4	Sound Rental Package Load-In (Demo)
W – 2/15	4	Understanding Microphones: Transduction, Functional Design & Characteristics (Lecture)
M – 2/20	5	Mixing Consoles, Power Amplifiers & Loudspeakers Overview (Lecture)
W – 2/22	5	Plotting Practices: How to read Block Diagrams and drawings (Lecture/Demo)
M – 2/27	6	Tech Olympics Sound (Demo)
W – 3/1	6	Midterm Review! Problem Solving Hands on Technical Lab Day

M – 3/6	7	<b>*MIDTERM SOUND EXAM*</b>
W – 3/8	7	Review Midterm Answers Audio Console Training
M – 3/13 <b>(SWITCH)</b>	8	Stage Lighting Instruments & Accessories (Lecture)
W – 3/15	8	Light Hang & Focus Day (Demo)
M – 3/20	9	Electrical Basics, Wiring, Lamps, Connectors (Lecture)
W – 3/22	9	Dimming and Control (Lecture)
M – 3/27	10	<b>SPRING BREAK</b>
W – 3/29	10	<b>SPRING BREAK</b>
M – 4/3	11	Color Theory/ Angles Overview (Lecture)
W – 4/5	11	Plotting Practices: How to read drawings and light plots (Lecture/Demo)
M – 4/10	12	Tech Olympics Lighting (Demo)
W – 4/12	12	Midterm Review! Problem Solving Hands on Technical Lab Day
M – 4/17	13	<b>*MIDTERM LIGHTING EXAM*</b>
W – 4/19	13	Review Midterm Answers Lighting Console Training
M – 4/24	14	Q-Lab Day w/ Professor Czypinski
W – 4/26 Independent Study	14	<b>TBD-PROFESSOR LAWRENCE OUT OF TOWN</b> <b>Student Prep for Final</b>
M – 5/1 <b>(SWITCH)</b>	15	Vectorworks Day w/ Professor Lawrence
<b>W – 5/3</b> <b>(State Playhouse)</b>	15	<b>Go over Final Project (BOTH SECTIONS)</b>
<b>M – 5/8</b> <b>(State Playhouse)</b>	16	<b>Final Project</b>
<b>W – 5/10</b> <b>(State Playhouse)</b>	16	<b>Final Project</b> <b>*Tech Observation Papers are due*</b>
TBD	FINALS	<b>TBD-if needed.</b>

\*The Syllabus is a living document. Professor reserves the right to modify syllabus.