Please turn off all cell phones upon entering class. No text messaging please.

Course Catalog Description:
Prerequisite: Admission to M.F.A. design and technology program or THEA 447: Lighting Design 1.
Advanced design theories and lighting practice for theatre and dance. Laboratory and production related activities. Students will be expected to actively participate in the production of one, out-of-class, major TTF performance. Two lectures and three hours of laboratory (plus three additional hours to be arranged). This class requires extra time outside of class for show assignments.

Recommended co-requisite: THEA556: DIGITAL COMMUNICATION FOR LIGHTING DESIGN.

Course Objectives:
To further a student’s understanding of lighting design and lighting design techniques. Emphasis placed on proper design techniques, photometrics, understanding of color, advanced cueing techniques, and drafting.

Student Learning Outcomes:
By the end of this course, students will be able to:
1. To further the student's understanding and application of aesthetic principals of light and lighting design.
2. To prepare the student for work in the theatre or related fields through advanced technical knowledge and design practice.
3. To produce high quality design work which will constitute the foundations of a portfolio.

Please note: Incoming graduate students in lighting must pass this class to continue in the program.

Required Texts:
- Lighting 2 Reader (available in campus bookstore)
- The Assistant Lighting Designer’s Toolkit by Anne E. McMills ISBN: 9780415711210
- Other texts may be used for individual projects. (see Blackboard)

Software:
Students are strongly encouraged to install the following software on his/her personal laptop:
- Vectorworks 2016 –
  - Student copies are free until graduation. http://student.myvectorworks.net/
  - If you are not co-enrolled in THEA556, please reference: http://lradesigns.com/training-videos/
- Lightwright 6 –
  - Student copies can be used for 3 years from date of purchase. www.citytheatrical.com
  - Be aware that it may take a few days to get an approval code.

Participation Policy:
Active participation and discussion are considered a substantial component of this class. Students are expected to be present, on time, and actively participating in class discussions and projects in a meaningful, well prepared, and inquisitive way. Merely showing up to class does not earn participation points. Due to the fact that we only meet once a week, missing more than one class session may result in a whole grade reduction.

Academic Dishonesty:
The SDSU community regards cheating as an extremely serious matter, and deals severely with those who violate the standards of academic integrity. Plagiarized work submitted for credit may constitute failing the course.

Blackboard:
Class readings, assignments, and other related items are posted on Blackboard for this class.
Crew Assignment:
Each 547 student is expected to fulfill a major lighting crew assignment. This may be design, assistant design, production electrician, moving light programmer or other position assigned by the professor for an SDSU production. This crew assignment must not overlap with other assignments received for credit. No double-dipping.

Grading Policy:
Late projects will devalue the assignment automatically by a full letter-grade. Late assignments beyond one class period will not be accepted. All assignments are to be submitted as hardcopies, unless otherwise noted.

- Participation – 10%
- Crew Assignment – 10%
- Lighting Packages (3) – 20% each
- Followspot Project – 10%
- Cueing Project – 10%

Disruptive Behavior:
Every student has the right to a safe and pleasant learning environment. Any behavior that disrupts our learning environment will be immediately identified and the student will be asked to stop. If the behavior continues, the student may be dismissed from the class permanently. These behaviors include, but are not limited to: entering late, leaving early, leaving the classroom during class time for longer than 5 minutes, speaking while others are speaking, ringing cell phones, text messaging or other social media, any activity on electronics besides taking notes, recording the class without permission, unsafe practices which are dangerous either to oneself or to others, showing disrespect towards others, smoking e-cigarettes, arriving under the influence of drugs and/or alcohol, making threats, harassment, and/or violence. Failure to correct these actions may result in major consequences.

Students with Disabilities:
If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact Student Disability Services at #(619) 594-6473. To avoid any delay in the receipt of your accommodations, you should contact Student Disability Services as soon as possible. Please note that accommodations are not retroactive, and that accommodations based upon disability cannot be provided until you have presented your instructor with an accommodation letter from Student Disability Services. Your cooperation is appreciated.

Artistic Material:
Artistic materials may be shown during class to discuss the lighting of the human body. These materials may contain nudity, which may be provocative or offensive to some. The content of the artwork is not meant to challenge the student’s personal beliefs. If there are any concerns, please consult privately with the professor.

Practical exercises:
When working in the theatre or in the shop no sandals, open-toed shoes, shoes with high heels, or extremely loose clothing or large jewelry shall be worn. Wear sturdy closed-toed, rubber-soled shoes and full-length pants. Keep long hair tied back. Safe theatre practices shall be followed at all times. Unsafe conduct may result in major consequences.

TENTATIVE Course Content Outline and Schedule:
Schedule is subject to change with or without notice by the discretion of the instructor.

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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Due</th>
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<tr>
<td>Week 1</td>
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| 8/31 | Introduction, Tour of Facilities  
Review: Objectives of Stage Lighting & Composition / Assign: Survey | |
| | Week 2 | | |
| 9/7 | Discuss Survey  
Review: Photometrics, and Vectorworks (apps/VW)  
Photometrics Exercise (in-class) | Survey Due  
Reading: 1a-c (reader) |
| | Week 3 | | |
| 9/14 | Research, Mini Light Plots, & Scene Breakdowns  
Review: Fixtures/Texture & Shadow  
Discuss & Assign: 27 Wagons Full of Cotton  
**Guest Director: Craig Wolf** (5pm) | Reading: 27 Wagons  
Reading: 2a-c (reader) |
| Week 4 | 9/21 | Discuss lighting in a proscenium  
Steps of Design Exercise  
Review: Lightwright, Channelling, Magic Sheets, Area Layout | 27 Wagons Part 1 of Project Due |
|--------|------|---------------------------------------------------------------------------------|---------------------------------|
| Week 5 | 9/28 | Review Color / What is White? Demo (Light Lab) / review lab setup  
Sightlines, Trims, & Boom placements  
Focusing Systems & Focus Charts | Light Lab Presentations |
| Week 6 | 10/5 | **Guest lecturer – Craig Wolf**  
Light Lab – Present Mini Light Plots (Wagons)  
Discuss presenting to a director | 27 Wagons Project Due (full) |
| Week 7 | 10/12| **Guest lecturer – Craig Wolf**  
Present 27 Wagons Projects | |
| Week 8 | 10/19| Discuss *Sylvia* & lighting in thrust/arena + pw for grid space  
Assign: *Sylvia* | Reading: *Sylvia*  
Reading: 3a-c (reader) |
| Week 9 | 10/26| Tips and Tricks  
Focusing Demo (DP) | Bring in a tip or trick  
Reading: Ch. 14 (Shelley) |
| Week 10 | 11/2 | Discuss assisting | Reading: *ALD Toolkit* (all) |
| Week 11 | 11/9 | Present Projects | *Sylvia Project Due* |
| Week 12 | 11/16| Discuss *MFL* & musical lighting  
Assign *My Fair Lady* | Reading: *My Fair Lady* |
| Week 13 | 11/23| NO CLASS – Thanksgiving Break | |
| Week 14 | 11/30 | Present Projects, Assign Followspot Project  
Discuss Concert Lighting / Review Basic & ML Cueing & cueing prep | MFL Project Due |
| Week 15 | 12/7 | Present Followspot Projects  
Review Cueing (Q-only vs. Tracking); Assign: Cueing Project | Followspots Project Due |
| Week 16 | 12/14| Present *American Idiot* Cueing Projects  
End of year cleanup (Light Lab) | Cueing Project Due |
| FINALS | | NO CLASS during finals week | |

**Table 1:** Class Schedule including dates, assignments, and readings.

**Light Lab:**  
To sign up for time in the light lab, please use the following link: [https://teamup.com/ks4570334516244422](https://teamup.com/ks4570334516244422)