THEA 447 - Lighting Design 1
Spring Semester 2017

Professor: Anne E McMills, Office: Room DA210
Email: amcmills@mail.SDSU.edu
Office Hours: 11:00-12:00pm Mondays & Wednesdays (or by appointment)

Course Catalog Description:
Prerequisites: THEA 240 and 325. Concepts and technologies in lighting for theatre and related performance areas. Emphasis on mechanics of stage lighting, color, instruments, and control. Laboratory and production related activities. Note: Activity three hours to be arranged.

Course Objectives:
To provide students with a basic understanding of stage lighting design. Students will learn the basic goals of design, develop their own concepts, use industry software, and learn proper focus and cueing techniques.

THIS CLASS REQUIRES EXTRA TIME OUTSIDE OF CLASS FOR SHOW ASSIGNMENTS.

Student Learning Outcomes:
By the end of this course, students shall be able to:
1. Verbally describe the lighting angle and color in a design or image.
2. Program a lighting console.
3. Produce a basic light plot and supporting paperwork.

Required Texts:
- Scene Design and Stage Lighting, 10th Edition by Wolf and Block
- I Hate Hamlet by Paul Rudnick (on Blackboard)

Required Supplies:
- ARCHITECTURAL scale rule (~$5)
- 30-60-90 & 45-45-90 Triangles, protractor, and small ruler (drawing set of 4 in bookstore ~$7)
- 1/4" plastic lighting template by Field Templates (~$16)

Participation Policy:
Active participation and discussion are considered a substantial component of the class. Students are expected to be present, on time, and actively participating in class discussions and projects. If the student does not follow these guidelines, his/her grade will be affected.

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%
- Tableaux Vivant Project – 10%
- Musicals Project – 20%
- Crew Assignment – 30%
- I Hate Hamlet Project – 30%

Crew Assignment:
Each 447 student is expected to fulfill a lighting crew assignment. Students must devote a number of hours (45 to 60 or more) to their position. Possible positions include: assistant master electrician, followspot operator, light board operator, assistant lighting designer, electrics crew, and more. Attendance is mandatory for all crew assignments. Students are responsible for clearing their schedules in order to be available for all dates required for their positions. Failure to be present even once will result in a failing grade for the project.

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.
**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 (including 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.

PLEASE SILENT ALL CELL PHONES before the beginning of class! NO TEXT MESSAGING will be tolerated.

**Blackboard:**
Class readings, assignments, and other related items are posted on Blackboard for this class.

**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.

**Inclusivity:**
The CSU has affirmed its commitment to ‘protecting access, affordability, intellectual freedom, inclusivity, and diversity for all students... including supporting DACA students.’ Discrimination, harassment, or retaliation against students, faculty, and staff on the basis of race, religion, gender, sexuality, disability, nationality, immigration status, and other categories of identity is prohibited. If you have concerns about your status at the university, please visit http://studentaffairs.sdsu.edu/EOP/ for information or contact the Dean of Students or the Assistant Dean for Student Affairs in your College.
TENTATIVE Course Content Outline and Schedule:

Schedule is subject to change with or without notice by discretion of the instructor.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Due</th>
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<tbody>
<tr>
<td><strong>Week 1</strong></td>
<td>1-18 Introduction / Crew Assignments / Lighting Design Basics</td>
<td>Crew Assignment wish list</td>
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<td>1-23 Instrumentation Review</td>
<td>Reading Due: Ch. 14 &amp; 17</td>
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<td>1-25 Color &amp; Color Temp</td>
<td>Reading Due: Ch. 16</td>
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<td><strong>Week 2</strong></td>
<td>1-30** Light Lab Use &amp; Safety (meet in classroom)</td>
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<td>2-1 Motivated &amp; Non-Motivational</td>
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<td><strong>Week 3</strong></td>
<td>2-6 Angle / Designing with Gobos / Assign Tableaux Groups</td>
<td>Reading Due: Ch. 15 &amp; 18</td>
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<td>2-8 Discuss Matsuyama Mirror / Plot, Paperwork, &amp; Control Systems</td>
<td>Reading Due: Ch. 20</td>
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<td><strong>Week 4</strong></td>
<td>2-13 Present Tableaux / Assign Musicals Groups</td>
<td>Tableaux Due</td>
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<td>2-15 Followspots (meet in Don Powell)</td>
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<td><strong>Week 5</strong></td>
<td>2-20 Cueing</td>
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<td>2-22** Element Operation &amp; Cueing Demo (meet in light lab)</td>
<td>Reading Due: Ch. 21</td>
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<td><strong>Week 6</strong></td>
<td>3-27 Discuss I Hate Hamlet / review play analysis</td>
<td>Reading: I Hate Hamlet &amp; Ch. 4</td>
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<td>3-1 Discuss Scene breakdowns &amp; research</td>
<td>Reading Due: Ch. 19</td>
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<td><strong>Week 7</strong></td>
<td>3-6 Present Musicals Projects (light lab)</td>
<td>Musicals Projects Due</td>
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<td>3-8** NO CLASS – USITT</td>
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<td><strong>Week 8</strong></td>
<td>3-13 Discuss mini-light plots &amp; lab project</td>
<td>Reading Due: Ch. 24 &amp; 25</td>
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<td>3-15 Present projects / Discuss Laundry List</td>
<td>Research / Mini Light Plots due</td>
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<td><strong>Week 9</strong></td>
<td>3-20 Review Mini Light Plots (light lab)</td>
<td>Mini Plots in Lab Due</td>
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<td>3-22 Review Mini Light Plots (light lab)</td>
<td>Mini Plots in Lab Due</td>
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<td><strong>Week 10</strong></td>
<td>3-27 NO CLASS – Spring Break</td>
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<td><strong>Week 11</strong></td>
<td>3-29 NO CLASS – Spring Break</td>
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<td><strong>Week 12</strong></td>
<td>4-3 Photometrics Basics, Scale Rule</td>
<td>Bring drafting supplies</td>
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<td>4-5 Discuss Full Monty / Photometrics Exercise</td>
<td>Bring drafting supplies</td>
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<td><strong>Week 13</strong></td>
<td>4-10 Photometrics exercise – Areas &amp; Fronts</td>
<td>Bring drafting supplies</td>
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<td>4-12 Photometrics exercise – Areas &amp; Fronts</td>
<td>Bring drafting supplies</td>
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<td><strong>Week 14</strong></td>
<td>4-17 Photometrics exercise – Backs, Sides, &amp; Specials</td>
<td>Bring drafting supplies</td>
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<td>4-19 Photometrics exercise – Backs, Sides, &amp; Specials</td>
<td>Bring drafting supplies</td>
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<td><strong>Week 15</strong></td>
<td>4-24 Channeling Exercises</td>
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<td>4-26 Magic Sheets</td>
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<td><strong>Week 16</strong></td>
<td>5-1 Check-in on final projects</td>
<td>Hamlet project due</td>
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<td>5-3 Review final projects</td>
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<td><strong>FINALS</strong></td>
<td>FINALS NO CLASS – during finals week</td>
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Table 1: Class Schedule including dates, assignments, and readings.
TENTATIVE Production Schedule:
All times are subject to change and may be at the discretion of the Designer or Production Electrician. Additional dates and times may be added.

Matsuyama Mirror:
- Hang: Sat / Sun- Jan 28-29 (10am-5pm)
- Focus: Sat / Sun- Feb 4-5 (10am-5pm)
- Crew Run: Thurs Feb 9 (6pm-11pm)
- Dark Time: Fri Feb 10 (6pm-11pm)
- Tech: Sat & Sun Feb 11 & 12 (9am-11pm)
- Dress: Mon-Thurs Feb 13-16 (6pm-11pm)
- Run (crew call usually 1.5 hours before “go” time listed below):
  - February 17 - 7:30p.m.
  - February 18 - 7:30p.m.
  - February 19 - 2:00p.m.
  - February 22 - 7:30p.m.
  - February 23 - 7:30p.m.
  - February 24 - 7:30p.m.
  - February 25 - 7:30p.m.
  - February 26 - 2:00p.m.
- Strike: Feb 26 (TBD)

The Full Monty: (*warning: adult male nudity)
- Hang: Sat / Sun- Mar 18-19 (10am-5pm)
- Focus: Sat / Sun- Apr 8-9 (10am-5pm)
- Crew Run: Thurs Apr 13 (6pm-11pm)
- Dark Time: Mon-Fri Apr 10-14 TBD (6pm-11pm)
- Tech: Sat & Sun Apr 15 & 16 (9am-11pm)
- Dress: Mon-Thurs Apr 17-Apr 20 (6pm-11pm)
- Run (crew call usually 1.5 hours before “go” time listed below):
  - April 21 - 7:30p.m.
  - April 22 - 7:30p.m.
  - April 23 - 2:00p.m.
  - April 27 - 7:30p.m.
  - April 28 - 7:30p.m.
  - April 29 - 7:30p.m.
  - April 30 - 2:00p.m.
- Strike: Apr 30 (TBD)