Fall 9-1-2007

**DRAM 202.01A: Stagecraft I - Lighting**

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Suggested Text:
Carter, Paul; Backstage Handbook
Gillette, Michael; Designing with Light
Shelley, Steven; A Practical Guide to Stage Lighting

Class Objectives:
The ability to describe the lighting process, including the various steps and roles involved.
The ability to understand, use, and follow: basic electricity; established maintenance practices; established light hang and focus procedures.
Appreciation for the roles lighting play in a theatrical or dance production.
Practice of recommended safety procedures.

Course Description:
This course will explore basic lighting and sound technology as applied to theatrical or dance productions. It will serve as an introduction in the skills needed to function as an electrician in a theatre. Lab material will introduce students to the skills necessary to mount realized theatre and dance productions. In addition to the to the lecture and lab material, the class will critique two of the departmental productions during the semester. Attendance is required at all classes and labs. Students cannot make up missed assignments unless the instructors have previously excused such absences.

Grading:
Hang and focus  200 Points
Light Board Operation  100
1\textsuperscript{st} Critique  100
Sound Board Operation  100
2\textsuperscript{nd} Critique  100
Exam  200
Attendance and Participation  200
Total  1000 Points
**Term Schedule:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Class Topic</th>
<th>Lab Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tues, Oct. 23</td>
<td>Introduction (Names, Syllabus, and Lab Breakdown)</td>
<td>Finish Costume Labs</td>
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<tr>
<td>Thurs, Oct. 25</td>
<td>Electricity (Atomic Theory, Circuits, and West Virginia)</td>
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<tr>
<td>Tues, Oct. 30</td>
<td>Electrical Applications (Wires, Lamps, and Math)</td>
<td>Electricity/Circuits</td>
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<tr>
<td>Thurs, Nov. 1</td>
<td>Lighting Technology (Lamps, Reflectors, and Lenses)</td>
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<tr>
<td>Tues, Nov. 6</td>
<td>Dimmers (Saltwater to SineWave)</td>
<td>Lighting Instruments</td>
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<tr>
<td>Thurs, Nov. 8</td>
<td>Control (Two Scene Preset to Media Servers)</td>
<td></td>
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</tbody>
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**Mon, Nov. 12 – Veterans Day! NO CLASSES**

- Tues, Nov. 13  Light Plots (And Other Paperwork)
- Thurs, Nov. 15 Rigging (How to do it Safely)
- Tues, Nov. 20  Open (Catch Up or Get Ahead, or Test???)

**Wed-Fri, Nov. 21-23 – Thanksgiving Vacation! NO CLASSES**

- Tues, Nov. 27  Sound
- Thurs, Nov. 29 Sound
- Tues, Dec. 4   Catch Up
- Thurs, Dec. 6  Review for Final

- Mon, Dec. 10  FINAL 10:10AM – 12:10 PM – Bring a calculator! *(Not your Cell Phone)*

**Lab descriptions:**

**Lab 1 - Finish Costume Labs:** Complete the lab assignments associated with the first section of the class.

**Lab 2 - Electricity and Circuits:** Students will learn how to apply West Virginia and other basic electrical principles. Students will also learn how to hard patch and hook up fixtures.

**Lab 3- Lighting Instruments:** Students will interact with the fixture covered in class. Students will learn how to bench focus, focus, shutter, and hang instruments.

**Lab 4 – Lighting Boards:** Students will learn how to navigate, patch, and cue a lighting console.

**Lab 5 – Hang a Light Plot:** Students will be handed a light plot that is to be hung inside of the light shop. The students will take all of the previous lessons of how to safely hang, circuit, and prepare a plot so that it is ready for the lighting designer to focus.

**Lab 6 – Sound:** TBA
Two critiques: Each student will prepare typewritten criticisms of two of the productions during the Fall 2007 semester. Each critique should be 300 to 500 words in length and should discuss the role of the lighting in the production, and how it supported the style and mood of the production. No discussion of plot or character should be included.

Examination: This test will cover material presented in class and will focus on terms and definitions. A calculator will be needed for the exam (it cannot be on a cell phone).

Academic Misconduct and the Student Conduct Code:

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at www.umt.edu/SA/VPSA/Index.cfm/page/1321.

All Drama/Dance students must have an in-depth knowledge of the practices and procedures outlined in the Department of Drama/Dance Handbook. The Handbook is available online at http://www.sfa.umt.edu/drama/index.html.