

STAGE LIGHTING I

THEATRE 244 SECTION 01&02
T TH 10:30-12:20 FALL 2012
OFFICE HOURS: M W 10:30 -11:30
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"A study of the aesthetic, technical and practical production aspects of stage lighting"

TEXT: "Designing with Light" by J. Michael Gillette

INTENDED STUDENT LEARNING OUTCOMES:

The successful student will be able to...

1. Gain a working knowledge of the various items of equipment, which are employed in lighting production work in the theatre.
2. Gain a working knowledge of basic technical theory, which underlies the design and operation of lighting equipment.
3. Experience first-hand the backstage operation of a performance in the area of lights within a design or operational standpoint.
4. Present a specific topic in new or continuing development area of lighting mechanics presented in the form of clearly written and well-organized reports which may also be orally shared with the class
4. Analyze and light a scene based on the properties and objectives of lighting design.
5. Appreciate the relationship of lighting with other areas within the theatre process.

Course Requirements and Evaluation Scheme:

25% Class Performance. Participation in class discussions, lab activity, and responses to material being presented. Text comprehension as evidenced by discussion and response to oral questioning. Active participation in discussions, staged scenes, project work, computer lab.

25% 1 Examination

5% Technology Report. One is required, 3 - 5 pages typed dealing with a new or continuing development in the area of **Lighting Mechanics - Due October 18**, This report is intended to familiarize you with resource materials within the fields such as Live Design, Lighting & Sound America, Projection Lights & Staging News(PLSN), Stage Directions, and Theatre Design & Technology.

5% Critical Review. Submittal of critical review of the semester's "**Parade**" (**DUE November 15**).

15% Lighting Journals

15% Final

10% Production Crew Work. Participation as a crew member of either (1) a Light Hang/Focus, a Light Focus/Run, (2) Master Electrician, Assistant Lighting Designer, **Lighting Designer for a Departmental production (Dance)**, (3) at instructors discretion: serving as a Lighting Designer for a non-departmental production with documentation. (See Crew System requirements and Procedures, pp 5, 6)

STAGE LIGHTING I**FALL 2012****GRADE SCALE:**

A	96 - 100	C+	76 - 79	ALL PROJECTS MUST BE COMPLETED FOR COURSE GRADE
A-	90 - 95	C	73 - 75	
B+	86 - 89	C-	70 - 72	
B	83 - 85	D	60 - 69	
B-	80 - 82	E	00 - 59	

SUGGESTED GOOD BOOKS TO BROWSE OR HAVE:

"A Method of Lighting the Stage" – Stanley McCandless
"A Practical Guide to Stage Lighting" – Steven Shelley
 "A Process for Lighting the Stage" - McGrath
 "Color Science for Lighting" - Warfel & Klappert
 "Essentials of Stage Lighting" - Sellman & Lessley
"Fantastic Light" – Max Keller
 "Guide to the National Electrical Code" - Harman & Allen
"Lighting and the Design Idea - Linda Essig
"Lighting Design Handbook" - Watson
"Lighting the Stage" – Willard Bellman
"Light on the Subject" – David Hays
 "Practical Handbook of Stage Lighting & Sound" - Hood
"Scene Design & Stage Lighting" – Parker/Wolf/Block
 "Scene Design, Stage Lighting, Sound, Costume & Makeup" - Willard Bellman
 "Stage Lighting: Fundamentals and Applications" – Richard Dunham
"Stage Lighting Design" – Richard Pilbrow
 "Stage Lighting Handbook" - Reid
 "Stage Lighting Revealed" - Cunningham
"Theatrical Lighting Practice" - Rubin & Watson
 "Theatre Lighting from A to Z" - Lounsbury & Boulanger

"SUNY Geneseo will make reasonable accommodations for persons with documented physical, emotional or learning disabilities. Students should consult with the Director in the Office of Disability Services (Tabitha Buggie-Hunt, 105D Erwin, tbuggieh@geneseo.edu) and their individual faculty regarding any needed accommodations as early as possible in the semester."

TOPIC SCHEDULE:

August 28 Introduction and electricity. Chapter 3, 5
 Aug. 30, Sept. 4 - 11 Lighting instruments and their parts. Chapters 4, 7 – 8, 10
September 8 UPSTATE USITT NY SECTIONAL WORKSHOPS: 9 AM – 5 PM
September 11 CREW SELECTION FORMS DUE (IF NEEDED)
 September 13 – 25 Electricity for stage lighting. Chapters 3, 5
September 27 – October 3 "Museum"
 Sept. 30 – Oct. 4 Control systems for stage lighting. Chapter 6
Fall Break Oct. 8, 9
October 11 TH Examination # 1 (Lighting)

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- Oct. 16 TU DESIGN PROCESS (READ "**DRAMATIC IMAGINATION**")
- 18 TH **COMPUTER LAB** (READ UNRUH ARTICLE)
LIGHTING TECHNOLOGY REPORT DUE
- 23 TU DESIGN PROCESS (READ Chapters 1, 2, 11, 12)
- 25 TH DESIGN PROCESS (READ Chapters 13, 14)
- 30 TU COLOR (READ Chapter 9)
- Nov. 1 TH COLOR RELATIVITY & MAKE-UP (**COMPUTER LAB**)
- 6 TU PICTURIZATION: TRANSPOSITION FROM LANGUAGE
- November 7 – 11 "Parade"**
- 8 TH **REVIEW** "Parade
- 13 TU **MOOD**
- 15 TH SCENE 1(READ PILBROW - 7)
MOTIVATING LIGHT & INTERPRETATIONS OF MOONLIGHT
- 20 TU SCENE 2
MANIPULATING DAYLIGHT
- 21 – 25 **THANKSGIVING VACATION**
- 27 TU SCENE 3 - COLOR & LIGHTING
(**COMPUTER LAB & LIGHT PLOTS**)
- 29 TH LIGHT PLOTS AND DANCE, TEAM BUILDING (READ HAYS-12)
- DEC. 4 TU INTRODUCTION TO VECTORWORKS
"Strictly Dandia" REVIEWS DUE
- 6 TH INTRODUCTION TO VECTORWORKS
- 1 - 9 "An Evening's Dances: Dance Workshop"

FINAL EXAMINATION - PICTURIZATION: TRANSPOSITION FROM MUSIC
DEC. 18 TUESDAY 8 – 11 AM (AND/OR) DEC. 13 TUESDAY 12 – 3 PM

**CREW SYSTEM REQUIREMENTS AND PROCEDURES
THEATRE 344 STAGE LIGHTING DESIGN I**

1. Anyone enrolled in any of the following courses will be assigned to a crew in the semester in which he or she is registered for that course. Please see the "Crew Requirements" for each specific course available from the instructor.

THEA 130	Introduction to Technical Theatre
THEA 225	Production Stage Management
THEA 233	Stage Make-up I
THEA 235	Costume Construction
THEA 236	Scene Painting for the Theatre
THEA 241	Fundamentals of Design for the Theatre
THEA 333	Technical Direction
THEA 342	Scene Design I
THEA 343	Scene Design II
THEA 344	Stage Lighting Design I
THEA 345	Stage Lighting Design II
THEA 346	Costume Design
THEA 347	Sound Design

2. While a student may enroll in more than two such courses in any given semester, he will be assigned to no more than two crews.

3. Crews will consist of a minimum of 45 hours of work.

4. The crew listings and calls will be posted on the production call board. It is the responsibility of the student to check those listings the day they go up, as some crews may begin that day.

5. Illness, emergencies (death in the family, etc.), and scheduled classes are the only recognized excuses for absence from crew.

6. One unexcused absence may constitute a failure for the crew. Pre-approved absences must be made up before the termination of the crew.

7. A student's participation in extracurricular productions does not constitute a major conflict, and the student's crew **will** take priority. Crew **is** a class meeting.

8. The process for changing a crew will be handled only through the Technical Director and the faculty member of the course for which the crew was assigned. Crew assignments will only be changed when there is a major conflict involved and when there are two parties willing to make the switch. In **all** cases, major conflicts must be discussed, except in the case of emergencies, before the crew begins.

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9. The student will be graded by the assistants and faculty member in charge of the particular area(s) where the student is assigned. At his or her discretion, the faculty member of the course for which the student is doing the crew, may average the crew grade into the final grade for the semester.
10. Written crew evaluations will be available from the class instructor at the end of the semester.
11. The crew requirement for this class may be fulfilled in one of the following ways:
 - A. By working a minimum of 45 hours as a crew member of either a Light Hang/Focus or a Light Focus/Run Crew for a Department Production.
 - B. By serving as Master Electrician or as Lighting Designer for a Department Production.
 - C. At the discretion of the instructor, by serving as lighting designer for a non-departmental production and providing documentation of that production design.
12. If your assigned crew does not log in the minimum number of hours for completion of the crew requirement (i.e., 45 hours), you will be assigned to an additional crew, to a weekly crew time, or to a special projects crew to make up the difference in hours.

N.B.: Some crews may have to work more than the minimum 45 hours to accomplish the necessary tasks-at-hand. It should be noted that since a complete and consistent crew experience (i.e., one that has a beginning, a middle, and an end) is necessary, a student's commitment is to the completion of assigned tasks within a reasonable number of hours. Attempts will be made to compensate the grades given to people who may work extra hours. Minimum Grades: 45 hours, C-; 50 hrs., C; 55 hrs., C+; 60 hrs., B-.
13. Grading of your crew experience will be based on the following criteria:
 1. Adequate number of hours worked;
 2. Attitude;
 3. Skills and growth in skills;
 4. Initiative and curiosity;
 5. Reliability.
14. Please note: you are required to attend the "**Strike**" for the production you have worked on. These hours will count towards your required total for the class crew.

SAFETY ISSUES Geneseo is a safe community, but unfortunately we all have to face the fact that violence on college campuses is increasing. Program the University Police numbers in your cell phone now: 245-5222 is the emergency number. **DO NOT DIAL "911" IF THERE IS AN EMERGENCY:** this will only waste valuable time while the 911 operator "bounces" the call back to University Police. In the event of an emergency, remain calm. Leave the classroom through nearest exit doors. In the event of a fire, do not use the elevator. Please turn your cell phone to "vibrate" when you are in this class so that if there is a campus-wide emergency, you can be aware.