THA 3360 - STAGE LIGHTING
MWF - 11:00-12:40 pm –DFAC 2020/2060
Spring '13

Instructor: Mr. David Wolski *Phone:* 581-3417
Office: DFAC 2041 *E-mail:* dwwolski@eiu.edu
Office Hours: MTW: 2:00-3:00 pm, R: 1:00-3:00 pm and by arrangement

Purpose of the Course:

1) To explore the basic skills and techniques in lighting theatrical productions.
2) To acquaint the student with the basic "tools" of lighting design. These are the items that will aid you both as a technician and as a designer.
3) To introduce the subject of LIGHT as both a tangible substance and a philosophical, motivating force.
4) To teach the student how to translate the above items into theatrical graphics that can be viewed by a production team with ease and in a professional manner.

Text:

Designing with Light (5th edition) by J. Michael Gillette

Additional Reference:

Glen Cunningham, Stage Lighting Revealed
Richard H. Palmer, The Lighting Art
W. Oren Parker, Harvey K. Smith and R. Craig Wolf, Scene Design and Stage Lighting
Pilbrow, Richard, Stage Lighting Design

Conduct of the Course:

1) Lectures/Demonstrations: 43 (100 minute) lectures and/or demonstrations per term

2) Attendance Policy: Class attendance is mandatory. Three unexcused absences will be permitted. However, quizzes, short writes, or tests missed on those days cannot be made up. Additionally, any absence over the maximum allowed will affect a penalty of 10 POINTS PER ABSENCE. Any student more than 10 minutes late for class will be considered ABSENT. The student is expected to complete reading assignments on schedule. An enjoyable aspect of this course is to be able to share ideas and learn from each other. Participation in class discussions will help borderline grades. You will be expected to attend performances of the Theatre Arts' Department productions.

3) Quizzes: 3 based on reading assignments, lectures and demonstrations

4) Short Writes: 2 in-class, reaction papers based on reading assignments and lecture material

5) Concept Papers: 2 (1-2 page) typewritten papers will be due on plays that will be determined by the student. NO LATE PAPERS WILL BE ACCEPTED.

6) Projects: 10 different projects that will help in learning the lighting design process. Most will include a class presentation.

7) Lab: each student is expected to put in 10 hours of lighting work on the Department's productions over the course of the term. Lab hours are in addition to any other course's/work requirements. To clarify: you can't get Scenic/Lighting Practicum (HOT)

credit or PAID (TSA, GIA or EFA) for lab hours!

8) Master Electrician: each student is expected to serve as a Master Electrician (actually co-ME) for one of the Departmental Productions. The hanging duties will be part of your lab hours; as will the pre-performance duties.

9) A Visual Journal: over the course of the term, periodic checks will be made of a lighting journal. (Don't worry, I'll tell you what needs to be there!)

10) Test: at present 1, a Midterm. The need for a Final has yet to be determined.

11) Disability: if you have a documented disability and wish to receive academic accommodation, please contact the Coordinator of the Office of Disability Services (581-6583) as soon as possible.

Grading:

3 Quizzes (@ 20 points each).....60 pts.
2 Short Writes (@ 15 points each).....30 pts.
2 Concept Papers (@ 30 points each).....60 pts.
Visual Journal (4x @ 30 points each).....120 pts.
Lab.....50 pts.
Midterm.....75 pts.
Master Electrician.....25 pts.
Projects: 1) What is "Good Lighting"?.....25 pts.
2) Lighting from B/W.....25 pts.
3) Comedy, Tragedy, Fantasy.....25 pts.
4) Color and Lighting.....25 pts.
5) One Act Design.....50 pts.
6) Lighting Poetry.....25 pts.
7) Electrical Hookup.....25 pts.
8) Design Assimilation.....30 pts.
9) Picture Postcards.....50 pts.
10) Final Project.....100 pts.

TOTAL POINTS----------800 PTS.

* YOUR FINAL GRADE IS DETERMINED BY YOUR TOTAL POINTS *

A = 90% of total points.....720-800
B = 80-89% of total points.....640-719
C = 70-79% of total points.....560-639
D = 60-69% of total points.....480-559
F = 59% and less.....under 480

Extra Credit: There are a number of ways to earn extra credit points.

1) Write an additional Concept Paper for a play that has been approved by the instructor – 15 points
2) Work additional Lab hours - 15 points. (1 point per hour to a maximum of 15 points)
3) Serve on a Backstage crew for one of the Theatre Arts department productions and write a short paper (2-3 pages) describing the experience. The minimum number of hours expected to be worked is 25. The focus of the paper should be the technical aspects. – 25 points. (NO SCENIC/LIGHTING PRACTICUM CREDIT ALLOWED!)
4) Write a research paper (5-7 pages/3 source minimum) on some aspect of lighting that is

of a particular interest to you. This may be an historical period, a designer or technical equipment. Topics should be approved by the instructor. - 25 points

YOU MAY ONLY ATTEMPT TO EARN UP TO 40 POINTS OF EXTRA CREDIT.
ALL PROJECTS ARE TO BE SUBMITTED NO LATER THAN APRIL 24th!

Drafting Supplies Required for this Class:

- Lighting template: Plan view (1/4" scale)
- Lighting template: Section view (1/4" scale)
- Architect's Scale
- 30-60-90 degree Triangle
- 45-45-90 degree Triangle
- Pencil Sharpener
- Vellum (roll or sheets)-18" x 24"
- Drafting tape/dots
- T-Square (24", 30" or 36")
- Flexible Curve
- Sketch Book (11" x 14" minimal)
- Drafting pencils (HB/2H, 4H and 6H)
- Erasers (kneaded, art gum or pink pearl)

Drafting Supplies Suggested for this Class:

- Various Templates (circle and square)
- Swatch book (will be supplied)
- Dusting Brush
- Poster Board (for top of drafting table)
- Drafting Board
- Skum-X Pad
- Erasing shield
- Plastic Tube (for transporting drawings)

DEPARTMENT OF THEATRE ARTS' PRODUCTIONS
Spring '13

FLORENCE and THE DUTCHMAN
February 1 & 2 @ 7:30 pm, February 3 @ 2 pm

THE 25TH ANNUAL PUTNAM COUNTY SPELLING BEE
February 27-28, March 1-2 @ 7:30 pm, March 3 @ 2 pm

CLOUD 9
April 10-14 @ 7:30 pm, April 15 @ 2 pm

STAGE LIGHTING
Tentative Schedule/Subject to Change

DATE		LECTURE/ACTIVITY	ASSIGNMENT
January	7	Introduction/Syllabus/Background	
	9-11	Attending ACTF/NO CLASS	
	14	The Lighting Designer Handout	
	16	An Introduction to Designing with Light	Chapter 1

	18	A Brief History of Lighting Design	
	21	MLK Day - NO CLASS	
	23	A Brief History of Lighting Design, continued	
	25	Lighting Production Team	Chapter 2
	28	QUIZ 1/TBA	
	30	What is “Good Lighting”?	PROJECT 1
February	1	Electrical Theory and Practice	Chapter 3
	4	Lenses and Lamps	Chapter 4
	6	Lighting Instruments	VISUAL JOURNAL #1
	8	Lighting Instruments/QUIZ 2	
	11	Cables and Connectors	Chapter 5
	13	Circuiting and Distribution	
	15	LINCOLN’S B-DAY Observance - NO CLASS	
	18	QUIZ 3/TBA	
	20	Lighting from B/W	PROJECT 2
	22	Color	Chapter 9
	25	Projections	Chapter 7
	27	Intensity Control/Midterm Review	Chapter 6/VJ #2
March	1	MIDTERM EXAM	
	4	Midterms Returned/CHOOSE 1 ACTS	
	6	Comedy, Tragedy, Fantasy	PROJECT 3
	8	Control Consoles/Concept Paper	
	11-15	SPRING RECESS - NO CLASS	
	18	Practicals and Effects	Chapter 8
	19-22	ATTENDING USITT - NO CLASS	
	25	Advanced Technology Instruments/USITT Report	Chapter 10

	27	Concept Paper Discussions	CONCEPT 1 DUE
	29	Color and Lighting	PROJECT 4
April	1	The Design Process	Chapter 11
	3	The Image of Light	Chapter 12/VJ #3
	5	ONE ACTS	PROJECT 5
	8	Lighting Key/Lighting and the Setting	Chapter 13-14
	10	Lighting Poetry	PROJECT 6
	12	Drafting for Light Design	Chapter 15
	15	Electrical Hookup/ Drafting/Design/Postcards	PROJECT 7/ Chapter 16
	17	ACTF 2014 Design Projects	CONCEPT 2 DUE
	19	Drafting the Section/Cueing	Chapter 17
	22	Design Assimilation	PROJECT 8/VJ #4
	24	Picture Postcards	PROJECT 9/EC DUE
	26	Work on Final Project	
	30	FINAL PROJECTS PRESENTED 12:30-2:30 pm	PROJECT 10

Other Important Dates to Know:

Last day to withdraw from a course without a grade - January 18
Last day to withdraw from a course with a "W" grade – March 29