**Class Description:**

Prerequisites: TPA 2000 and TPA 2200

Classroom and laboratory study of the principles of modern lighting design for the theatre.

**Class Details:**

Lighting Design I is designed to enable you to develop an understanding of the equipment, process, and paperwork involved in the creation of lighting for live theatre. Through this class we will explore what a lighting designer does, the processes a designer may use in creation of a design, and how the designer executes their ideas.

**Class Grading Scale: (There is no curve in this class)**

1000-910 = A 900-810 = B 800-710 = C 700-610 = D 600-0 = F

*A Note about Grades*: By definition, most of us are average. Average performance in this class—that is, the level of performance that most of you will achieve—will be rewarded with a grade of C. This is a good grade! Simply showing up for class every day and turning in all assignments on time is expected. Merely meeting expectations in this class will earn a grade of C. To earn greater than a C your work will have to be exceptional in quality, quantity and enthusiasm for the subject. Grades are for you to

measure your own level of achievement against that of your peers; they have no meaning outside of the academic environment.

**Text Books and course material:**

Required:

 Designing with Light: An Introduction to Stage Lighting, 6th Edition by J. Michael Gillette and

Michael McNamara

 7” Crescent wrench

 A Computer (Vista, OSX, or equivalent to access the Blackboard LMS)

**Self-Assessments (400 Points)**

There are six self-assessment tests that will be posted in Blackboard LMS. You are responsible for taking the assessment between the opening and closing time of the assessment.

**Final Project (250 Points)**

You will create and submit an 8x10 lighting paperwork project. This submission will include the following materials: a Light Rendering, Visual response, Light plot, Magic sheet, Instrument Schedule, Chanel Schedule, Gel List, Gobo list, and Inventory of the plot, and preliminary cue list. More details will follow as the semester progresses.

**Class Assignments (100 points)**

Various small assignments will be provided over the course of the semester. The material will be specific in course and nature, and be of various formats including drawing, rendering, collage work, and short answer.

**Play visual resource (100 points)**

You will create a presentation of visual research on a play that is assigned to you. This project will be collage based, and provide a visual representation of your emotional response to the play. This presentation will be shown to the class and you will explain how and why your choices were made. Note that there are no wrong choices, so long as you can explain them for this project.

**Lighting Journal (50 points)**

You will maintain a small journal (in Blackboard) where you will record various assignments given over the course of the semester. Entries are not a set length, but should be long enough to completely cover a topic. For example, an assignment may be to describe the colors of the sky after a thunderstorm after sunset. The idea is to help you build observation skills for the world around us.

**Production Response (50 points)**

For the production of *The Crucible*, you will write a two to three page typed critique discussing the elements and functions of lighting observed in the production. Specific discussion topics for the paper may be given in class.

A note about this project: Explain why you like/dislike the production, the element, or task with clear and well thought out arguments. You will be presenting your findings for discussion with the class. We are developing a vocabulary in design through this course, and this is a chance for you to use your vocabulary in evaluating work.

**Light Hang (50 Points)**

Participate for eight hours in one light hang of the semester. The class will be divided into two groups; one for each of the main stage shows. You will be expected to participate in the hang and focus portion of the course, as well as observe what occurs to help you with assessments in the class.

**Attendance policy**:

Attendance: Role will be taken at the beginning of class each time the group meets. If you are late, you must meet with the instructor immediately after class in order to be counted present. More than three absences will result in the lowering of the final grade.

There are several deadlines for papers and projects and presentations throughout the semester. If assignments are not turned in at the appropriate time, you will lose one letter grade on the project for each day the project is late.

In addition, any plagiarism will result in automatic failure and further action as outlined in the University

Catalog. “Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see the Code of Academic Integrity in the University Regulations: http://www.fau.edu/regulations/chapter4/4.001\_Code\_of\_Academic\_Integrity. pdf”

"In compliance with the Americans with Disabilities Act (A.D.A.) - Students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in Boca in the Library, Room 175 (297-3880) or in Davie in MOD I (236-1222), and follow all OSD procedures."

**Plays for projects**

*The Rainmaker* by N. Richard Nash

*Dancing at Lughnasa* by Brian Friel

*Arsenic and Old Lace* by Joseph Kesselring

*Noises Off* by Michael Frayn

*The Foreigner* by Larry Shue

*A Raisin in the Sun* by Lorraine Hansberry

*Lend Me a Tenor* by Ken Ludwig

*Who’s Afraid of Virginia Woolf?* by Edward

Albee

*Black Sheep* by Lee Blessing

*Six Degrees of Separation* by John Guare

*Steel Magnolias* by Robert Harling *The Glass Menagerie* by Tennessee Williams

*Endgame* by Samuel Beckett

*Fences* by August Wilson

*Two Trains Running* by August Wilson *The Children’s Hour* by Lillian Hellman *Proof* by David Auburn

**Preliminary course schedule and outline.** Be aware that this schedule is subject to change based on course progress and learning needs of the class. Use this as a guideline only.

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| --- | --- | --- | --- |
| Day | Topic | Assignment | Due |
| M 8/18 | Discuss Syllabus and Semester  overview | Read chapter One |  |
| W 8/20 | Introduction to designing with light  Start movie “Visions of light” | Lighting Journals  Watch *“Visions of Light”* |  |
| M 8/25 | Qualities and functions of stage lighting | Read Chapter Two  Self-assessment #1 |  |
| W 8/27 | The lighting production team | Read Chapters Three  and Five |  |
| M 9/1 | ***No Classes; Labor Day*** |  |  |
| W 9/3 | Electrical theory and practice | Read Chapter Four  Self-assessment #2 | Self-assessment #1 |
| M 9/8 | Lenses, Reflectors, Lamps, LEDs |  |  |
| W 9/10 | Lighting Instruments | Visual Research of Light  types | Self-assessment #2 |
|  | *Tech Show #1 9/15-9/18* |  |  |
| M 9/15 | In Class Presentations of Visual  Research | Self-assessment #3  Read Chapter Eight |  |
| W 9/17 | Color | Crucible Response  paper |  |
| M 9/22 | Audience Response to Color | Self-assessment #4  Read Chapter Twelve | Self-assessment #3 |
| W 9/24 | The Image of Light |  |  |
| M 9/29 | Class critique of Crucible |  |  |
| W 10/1 | Lighting angles and positions |  | Self-assessment #4 |
| M 10/6 | Intensity Control |  |  |
| W 10/8 | Consoles |  |  |

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| --- | --- | --- | --- |
| M 10/13 | ***No Classes; Columbus Day*** |  |  |
| W 10/15 | Consoles | Self-assessment #5  Read Chapter Thirteen |  |
| M 10/20 | The lighting key | Lighting key |  |
| W 10/22 | Advanced Technology Instruments |  |  |
| M 10/27 | Lighting key presentations |  | Self-assessment #5 |
| W 10/29 | Light plots | Self-assessment #6 |  |
| M 11/3 | Designer Paperwork | Draft 8x10 from visual  research |  |
| W 11/5 | Focusing |  |  |
|  | *Tech Show #2 11/10-13* |  |  |
| M 11/10 | Cuing |  | Self-assessment #6 |
| W 11/12 | Technical Rehearsals |  |  |
| M 11/17 | Magic Sheets | Create magic sheet |  |
| W 11/19 | Production limitations and dealing with  other production elements  Discuss 8x10 plot and paperwork |  |  |
| M 11/24 | Projections and Media |  |  |
| W 11/26 | Last Day of Class |  |  |
| W 12/10 | Final Exam Due: 10:30 – 1:00 PM |  | 8x10 Final project |

====Book chapters-===== Chapters 1,2,3,4,5,8,12,13

====Self Assessments 450 points====

Self-Assessment #1: Qualities and Functions of stage lighting

Self-Assessment #2: Electrical Theory and Connectors

Self-Assessment #3: Lenses, Lamps, Reflectors, and Instruments

Self-Assessment #4: Color

Self-Assessment #5: Intensity control & consoles

Self-Assessment #6: Lightplots and paperwork

====Projects 100 points===== Line diagram of lighting control Preliminary light plot Preliminary cue list

Famous people in lighting