

Instructor: Adam Chamberlin  
Office: RTFP 212  
Office Hours: 1pm-2pm(Tu/Th), and by appt.  
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Spring 2019  
Time: (M/Wed) 2:00-3:20pm  
(M/Wed) 3:30-4:20pm  
Meeting Place: RTFP 137

### Course Description

Advanced techniques for theatrical lighting, stage instrumentation, and circuitry. This class will examine the lighting design process from the first read of the script to strike. This process will include research techniques, script analysis, CAD drafting, organizational skills, and presentation skills. In addition to the design process, heavy emphasis will be placed on the role, duties, and knowledge of being a Master Electrician.

### Course Objectives

- Ability to effectively analyze a script as for the purposes of Lighting Design
- Ability to effectively communicate the physical and emotional properties of light through the use of verbal, written, and pictorial communication
- To gain the skills to effectively manipulate the physical and emotional properties of light in the completion of a design
- To gain the skills to effectively document (plot, section, paperwork, etc.) the design process
- To gain an historical perspective on lighting design and its practitioners.

### Course Requirements

**Attendance:** This class is meant to be part of your training to enter the theatrical production industry, as such, punctuality is an important aspect. Attendance is mandatory. After the second absence, your final grade will be lowered for each additional absence. Lateness of more than 5 minutes to class or lab will be factored in as half an absence. You will be responsible for missed information.

**Lab Attendance:** As part of the LAB for this class, you are required to act as MASTER ELECTRICIAN for 1 department production.

**Required Texts:** *Rashomon*, By Fay and Michael Manin  
*Hamlet*, William Shakespeare

Jones, Robert Edmond. *The Dramatic Imagination*  
Palmer, Richard. *The Lighting Art*  
*USITT RP-2, Recommended Practice for Theatrical Lighting Design Graphics*  
<http://www.usitt.org/ListofStandards.aspx>

**Recommended Reading:** Keller, Max. *The Light Fantastic*  
Rosenthal, Jean & Wertenbaker, Lael. *The Magic of Light*  
Carter, Paul. *The Backstage Handbook*  
Art books, theatre texts, and plays

Required Supplies:

Dedicated Flash Drive  
12" Architects Rule  
Laptop or access to home computer  
Vectorworks Spotlight 2018 or 2019  
(<https://student.myvectorworks.net/>)  
Lightwright 6 Demo  
(<https://www.mckernon.com/downloads/downloadslw6.html>)  
Capture 2018 Student Edition  
(<http://www.capturesweden.com/Download/Student-Edition>)

Exams:

There will be a Final Exam in this course.

Quizzes:

Quizzes may be given at any point during the class meeting time. There will be no make-up quizzes, except where there is a documented university excuse. Quizzes will only be accepted from students present at the beginning of the quiz.

Assignments:

The class is built around design projects, and as such, in each class a portion of the project will be due based upon the project calendar.

In addition to the projects:

- Assigned reading of the text and handouts
- Three (3) lighting critiques – *Faculty Dance Concert, The Memory Project, Summer & Smoke*
- One (1) critique of the technical process you were involved in (hang & focus)
- Lighting Morgue
- Equipment Morgue
- Sunset/Sunrise Project

No late assignments will be accepted. E-mailed assignments must be received before the start of the class they are due. Written assignments must be typed (except when noted).

Grades

Grades will be based on the following:

|                          |    |     |
|--------------------------|----|-----|
| Critiques                | @4 | 10% |
| Quizzes                  |    | 5%  |
| Projects                 |    | 50% |
| Lighting Morgue          |    | 10% |
| Equipment Morgue         |    | 10% |
| Sunrise / Sunset Project |    | 5 % |
| FINAL EXAM               |    | 10% |

UNT Dept. of Dance and Theatre  
General Class Room Rules:

- THE USE OF CELL PHONES, MP3 PLAYERS, AND TEXT MESSAGING DEVICES IS PROHIBITED
- WE WILL BE WORKING WITH AND HANDLING VARIOUS TYPES OF PRODUCTION EQUIPMENT. YOU WILL BE GIVEN ADVANCE NOTICE OF THESE DAYS SO YOU MAY COME APPROPRIATELY ATTIRED. NO HEELS, SANDALS, OR OPEN TOED SHOES WILL BE PERMITTED ON THESE DAYS, AND YOU WILL BE MARKED ABSENT.
- LAPTOP COMPUTERS MAY ONLY BE USED FOR NOTE TAKING OR AS PART OF AN IN-CLASS ASSIGNMENT. THE INSTRUCTOR RESERVES THE RIGHT TO DISALLOW LAPTOPS IF MISUSE BECOMES DISRUPTIVE OR UNPRODUCTIVE.
- FOOD AND BEVERAGES ARE NOT ALLOWED IN THE CLASSROOM.
- PLEASE REFER TO THE UNT STUDENT HANDBOOK AND THE DEPARTMENT OF DANCE AND THEATRE HANDBOOK FOR FURTHER POLICIES AND PROCEDURES.

*This syllabus is subject to change. Announcements regarding changes in meeting times and/or locations will be made during the previous class period and via your UNT e-mail accounts.*

Notices:

*Disabilities Accommodation:*

*The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at [940.565.4323](tel:940.565.4323).*

*Academic Conduct:*

You are encouraged to become familiar with the University's Policy for Academic Dishonesty found in the UNT Student Handbook. Academic misconduct will not be tolerated in this course, and is subject to discipline. Cheating, plagiarism, collusion and falsification of academic records or the attempt to do these things constitute scholastic dishonesty. The Code of Student Conduct provides specific penalties faculty members may assign for cheating. For more information – [www.vpaa.unt.edu/academic-integrity.htm](http://www.vpaa.unt.edu/academic-integrity.htm)

*Student Behavior in the Classroom:*

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at [www.unt.edu/csrr](http://www.unt.edu/csrr)

UNT Dept. of Dance and Theatre  
Tentative Course Schedule

| WEEK | DATE         | Ongoing Work                                                                                     | READING DUE                        |
|------|--------------|--------------------------------------------------------------------------------------------------|------------------------------------|
| 1    | 1/14<br>1/16 | Introduction<br>Concept Creation / Script Analysis                                               | TLA – Chap 2<br><i>Rashomon</i>    |
| 2    | 1/21<br>1/23 | <b>MLK – NO CLASSES</b><br>Research/ Visual Morgue / Cue Lists                                   | TLA – Chap 3,4                     |
| 3    | 1/28<br>1/30 | Research / Visual Morgue / Concepts<br>Finalized Concepts Presentations                          | TLA – Chap 11,12<br>TLA – Chap 8,9 |
| 4    | 2/4<br>2/6   | Finalized Concepts Presentations<br>Cue Lists and Magic Sheets                                   | TLA – Chap 10<br>TLA – Chap 14     |
| 5    | 2/11<br>2/13 | Integration with other Design Areas<br>The Light Plot (GP,Section,other)                         |                                    |
| 6    | 2/18<br>2/20 | Plot / Paperwork<br>Plot / Paperwork                                                             |                                    |
| 7    | 2/25<br>2/27 | Visualization / cueing / focusing plan<br>implementation                                         |                                    |
| 8    | 3/4<br>3/6   | PRESENTATIONS<br>RASHOMON FINAL DESIGN DUE                                                       |                                    |
| 9    | 3/11<br>3/13 | <b>SPRING BREAK</b><br><b>SPRING BREAK</b>                                                       |                                    |
| 10   | 3/18<br>3/20 | <i>Hamlet</i> <b>USITT</b><br><i>Hamlet</i> <b>USITT</b>                                         |                                    |
| 11   | 3/25<br>3/27 | Finalized Concept/Cue Sheets / Magic Sheet / Visual<br>Presentations<br>Finishing Plot/Paperwork |                                    |
| 12   | 4/1<br>4/3   | Hamlet Presentations<br>Hamlet Presentations                                                     |                                    |
| 13   | 4/8<br>4/10  | 3D Drafting<br>Pre-Viz CAD                                                                       |                                    |
| 14   | 4/15<br>4/17 | Networking<br>Video                                                                              |                                    |
| 15   | 4/22<br>4/24 | TBA<br>TBA                                                                                       |                                    |
| 16   | 4/29<br>5/1  | TBA<br>FINAL REVIEW                                                                              |                                    |

THIS CLASS SCHEDULE IS TENTATIVE.