Lighting Design
THEA 4375.001 Spring 2018
MWF 12 - 12:50 CCH 209, Wilson and Warren Theatres (check schedule)
Office hours  M-F 10-11 and by appointment
Professor Philip Johnson  email: Philip.Johnson@tamucc.edu
825-2361 / BAY HALL 321

This syllabus is intended to fulfill the requirements for posting syllabi for the State of Texas, Texas A & M University - Corpus Christi, and College of Liberal Arts. The instructor reserves the right to make changes and adjustments to the syllabi prior to the beginning of class and during the semester. Any and all changes will be presented in class. Students will be given ample notice of any changes in order to adjust their schedules and activities to meet the requirements. Any special consideration or concerns should be addressed to the instructor.

Stage Lighting - is a course designed to teach the student the process of lighting for the stage, television, film and events. During this course you will be introduced to the principles of lighting, electricity, color theory and design. There is also a hands-on component where you will be required to create lighting for special projects. Students will also have the opportunity to assist in University Theatre productions. This work will give you practical experience, which will benefit your designs and ultimately your grade point. It is your responsibility to arrange your time to attend the lectures, demonstrations, lighting practicals and other class activities.

Student Learning Outcomes

1. Students will demonstrate knowledge of lighting terminology and provide proper definitions and their applications
2. Students will demonstrate proper safety techniques for theatre productions
3. Students will demonstrate Lighting design as it pertains to theatre production, apply its principles and practices and demonstrate them successfully
4. Students will rotate through the various positions of the lighting crew and design teams to better understand the process each theatre artist accesses in the design process.
5. Students will create appropriate paperwork to document their understanding of stagecraft and its role in the theatre production process
6. Students will utilize the computer programs Vectorworks and Wysiwyg to create paperwork and implement their designs and integrate them into productions

The course will focus on these areas:

The duties of a stage electrician including:
Principles of Electricity,
Principles of Stage Lighting and putting in a show
Practice of hanging a show, circuiting, patching, focusing,
Programming the board and running the show
Drafting and maintaining the paperwork of the theatre

The Lighting Plot including:
Drafting of floor plans, sections and elevations, light plots, detail drawings, paperwork such as shop lists, instrument schedules, cut sheets, etc.

Theatre safety and tool use
Safety orientation covering shop rules and procedures
Training and sign off for all equipment used in lighting and the stage
Application of class lectures and demonstrations
   Techniques to be used for theatre department productions
   Demonstration of knowledge in practical skills tests
   Work experience in theatre scene shop, work calls and
   Strikes

Application of computer technology
   Use of hand drafting skills and the program Vectorworks for all drafting projects
   Use of lighting program WYSIWYG to do light plots and simulations

Lighting project of an actual production
   You will do all drafting and paperwork
   You will create a color renderings and virtual models
   You will create several lighting looks and a light plot

Credit is based upon Projects, Participation in theatre activities including productions, Attendance in Class, Crew work, Labs, Work calls, and Strikes. Included on this syllabus is a calendar of assignments to allow for schedule adjustments.

Text
A Practical Guide to Stage Lighting. Steven Louis Shelley
Electricity for the Entertainment Electrician & Technician; Richard Cadena,

Suggested books to also purchase if you are going into a lighting career.
Automated Lighting, The Art and Science of Moving light in Theatre, Performance, Broadcast and Entertainment; Richard Cadena,
Photometrics Handbook; Robert C Mumm,

Required Materials
Adjustable wrench. You must bring your own to lighting class and light labs.
Drawing and Rendering Materials – Sketch pad, pencils, color media

Project Descriptions
Cadena on-line quizzes - Chapter quizzes take on BB
Shelley on-line quizzes - Chapter quizzes taken on-line in BB
Paperwork projects – Lighting paperwork projects.
Paperwork for the electrician
Basic plots – Proscenium - Create a basic light plot
Basic Plots – Arena / Thrust – Create a basic light plot
Project 2 - Your first show – Light plot for a production
Project 3 – Special Effects- Create lighting using special effect/practical
Project 4 – 40 Minute Play Festival –light plot and all supporting paperwork
Dance Demo – Collaborate with choreographers to create lighting looks for their dance piece. Set up, gel and focus lights in PAC. Cue the lights for your dance piece.

Grading There will be a midterm exam and projects, which will test your knowledge of the material and ability to grasp the concepts of lighting. There will also be 5 projects where you will create lighting designs in physical space, on paper and on the stage. You can also benefit your grade with lab attendance.
Grading breakdown

A = 1000-900
B = 899-800
C = 799-700
D = 699 – 600
F = below 600

Cadena on-line quizzes 100 pts.
Shelley on-line quizzes 100 pts.
Paperwork projects 100 pts.
Basic plots – Proscenium 100 pts.
Basic plots – Arena/thrust 100 pts.
Project 2 – Your first show 200 pts.
Project 3 – Special Effects 100 pts.
Project 4 – 40 Minute Play Festival 100 pts.
Dance Demo 100 pts.

Total 1000 pts.

Conduct in class, computer lab, practicum, work calls and other theatre activities.

It is required you are engaged in the class and all associated activities. Your attention to lectures, demonstrations and practicals will affect your grade. As a part of your conduct it is required you turn off cell phones, to not use the computers for activities other than related to the course and to arrive at practicum and work calls suitable attired and ready to work. Also, please keep your conversations directed towards the class and related topics. Talking to your fellow classmate not related to class is disrespectful and distracting. Don’t embarrass yourself by being called out for talking or being asked to leave the class. Failure to observe good conduct will place your grade in jeopardy and possible expulsion for class, calls and departmental activities. If you have any questions regarding conduct please consult with the instructor.

Faculty Responsibility

It is to the student’s advantage to be aware of their progress in the course. At any time you would like to discuss your progress I am available during office hours or by appointment. If there are special considerations, which need to be made, please contact me directly.

Other relevant course information

Attendance policy.

Attendance in all theatre courses is critical to your success. For purposes of grading, only excused absences will be recognized as a valid reason for missing class. (Including absences for recognized religious holidays, death in your family, doctor’s excuse with documentation or approved university functions) your absence affects the progress of the entire class. Each absence in excess of two in classes meeting two times per week) will lower your average a full letter grade. More than four absences in a course meeting two times per week will result in a falling grade for the course. Exceptions under extreme circumstances may be made at the discretion of the instructor. Stagecraft meets 2 days a week so the 2-absence rule will be applied. Note: You must consult with your instructor immediately to make such and exception viable.

Lateness:

Late arrivals constitute an absence; if you arrive more than fifteen minutes late you will be considered absent so don’t be late. There is a saying in our department and it goes like this: To be
early is to be on time. To arrive at the appointed time is to be late. Time management skills are considered by the faculty as one of the most significant tools of the profession. The practice and development of these skills is expected.

Conduct in class, computer lab, practicum, work calls and other theatre activities.
It is required you are engaged in the class and all associated activities. Your attention to lectures, demonstrations and practicals will affect your grade. The use of cell phones and all other personal electronic equipment, not necessary for medical reasons, is not permitted. The use of these items in class is a distraction. Checking of these items during class, even for the time, will result in a loss of participation points for the day.
As a part of your conduct it is required you turn off cell phones, to not use the computers for activities other than related to the course and to arrive at practicum and work calls suitably attired and ready to work. Failure to observe good conduct will place your grade in jeopardy and possible expulsion for class, calls and departmental activities. If you have any questions regarding conduct please consult with the instructor.

Disabilities Accommodations
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

Academic Advising
The College of Liberal Arts requires that students meet with an Academic Advisor as soon as they are ready to declare a major. Degree plans are prepared in the CLA Academic Advising Center. The University uses an online Degree Audit system. Any amendment must be approved by the Department Chair and the Office of the Dean. All courses and requirements specified in the final degree plan audit must be completed before a degree will be granted. The CLA Academic Advising Office is located in Driftwood #203. For more information please call 361-825-3466.

Dropping a Class
I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with your academic advisor, the Financial Aid Office, and me, before you decide to drop this course. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. April 6, 2018 is the last day to drop a class with an automatic grade of “W” this term.

Grade Appeals
As stated in University Procedure 13.02.99.C2.03, *Student Grade Appeals*, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.03, *Student Grade Appeals*. These documents are accessible online at: [http://academicaffairs.tamucc.edu/rules_procedures/assets/13.02.99.C0.03_student_grade_appeals.pdf](http://academicaffairs.tamucc.edu/rules_procedures/assets/13.02.99.C0.03_student_grade_appeals.pdf).

For assistance and/or guidance in the grade appeal process, students may contact the Associate Dean’s office in the college in which the course is taught. For complete details on the process of submitting a formal grade appeal in CLA, please visit the College of Liberal Arts website, [http://cla.tamucc.edu/about/student-resources.html](http://cla.tamucc.edu/about/student-resources.html).

*Classroom/professional behavior*

Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

*Statement of Civility (can be in place of classroom/professional behavior)*

Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

*Academic Integrity/Plagiarism*

University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a failing grade for the course.

*Statement of Academic Continuity*
In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

Lighting Design Spr 2018

1
15-Jan  Martin Luther King Day - No Class
17-Jan  Orientation  What is Lighting?  Syllabus Quiz on Blackboard
19-Jan  Vectorworks  What is this thing  Drafting Quiz

2
22-Jan  Where we work  Tour of the Theatre Spaces
24-Jan  Training  Scissor Lift Training  Quiz on Blackboard
26-Jan  Driving Test on Scissor lift  Meet in Wilson

3
29-Jan  Theory of Electricity  Chapters 1 - 4  Worksheets on Blackboard
31-Jan  Theory of Electricity  Chapters 5 - 8  Worksheets on Blackboard
2-Feb  Electrical Safety  Chapter 9 - 12  Worksheets on Blackboard
Assign Designers for Dance Demo choreographers.

4
5-Feb  A Lighting Review  Chapter 1 - Shelley  Quiz/worksheets
7-Feb  Paperwork overview  Chapter 2 - Shelley
9-Feb  Finish Chapter 1 & 2

5
12-Feb  Background Preparations  Chapter 3 - Shelley
14-Feb  Research and preparation
16-Feb  Discussion of play  Discussion and ideas presented

6
19-Feb  Creating Preliminary Drawings  Chapter 5 - Shelley
21-Feb  Continue discussion
23-Feb  Work on drawings in class
Assign Designers to directors for 40 minute play festival
<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>26-Feb</td>
<td>Creating the Preliminary Drafting in the Mac Lab</td>
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<td>28-Feb</td>
<td>Lighting Section and CCH 209</td>
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<td>2-Mar</td>
<td>Light plot</td>
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<td>5-Mar</td>
<td>Compiling and sending out the shop order</td>
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<td>7-Mar</td>
<td>Continue</td>
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<td>9-Mar</td>
<td>Light plots and paperwork due</td>
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<td>11-Mar</td>
<td>Strike Hands on a Hard Body</td>
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<td>12-Mar</td>
<td>Spring Break</td>
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<td>14-Mar</td>
<td>USITT in Ft. Lauderdale</td>
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<td>16-Mar</td>
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<td>19-Mar</td>
<td>Discussion and ideas for 2nd play</td>
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<td>21-Mar</td>
<td>Concept and images ideas</td>
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<td>23-Mar</td>
<td>Creating a black box plot</td>
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<td>24-Mar</td>
<td>Lighting and Dance workshop - Ld's meet choreographers</td>
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<td>26-Mar</td>
<td>Load in and set up</td>
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<td>28-Mar</td>
<td>The focus session</td>
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<td>30-Mar</td>
<td>The light cue level setting</td>
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<td>1-Apr</td>
<td>Chapter 13 - Shelley</td>
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<td>2-Apr</td>
<td>Chapter 14 - Shelley</td>
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<td>4-Apr</td>
<td>Chapter 15 - Shelley</td>
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<td>6-Apr</td>
<td>Begin tech for lights for Rent</td>
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<td>9-Apr</td>
<td>Creating Preliminary Drawings 2nd play</td>
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<td>11-Apr</td>
<td>Continue discussion Concepts due</td>
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<td>13-Apr</td>
<td>Light Renderings Bring art supplies</td>
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<td>2-Apr</td>
<td>OMTG opens April 17, Strikes April 2</td>
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<td>16-Apr</td>
<td>Dance Lighting discussion</td>
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<td>18-Apr</td>
<td>Special Effects demo</td>
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20-Apr Work on plot for dance
22-Apr Strike for Rent Prep rig for Dance Demo
15 Dance Demo Load in, Show and Strike Apr 25 - 27
23-Apr Dance lighting Demo in PAC Load in lights for Dance Demo 8 am
25-Apr Dance tech rehearsals Strike for Dance Demo after performance
27-Apr Dance plot due Prep for special effects presentations

16
30-Apr Last Day of Class TBA - Work on 40 minute paperwork
2-May Juries 40 Minute Plays begin
4-May

17
7-May
9-May Final Exams - Projects due Special effects Showcase during final exam time
11-May

TBA - Light cues for Dance Demo to board ops
TBA - Light cues for 40 Minute plays for board ops

SAFETY REGULATIONS THEA 2370/THEA1101/ THEA4375

The student is responsible for the following while in class, labs and work calls:
1. Attending and Receiving an orientation and safety training sessions on inherent hazards, safety rules and regulations required to prevent accidents.

2. Providing insurance and emergency contact info to the instructor.

3. Working to create and maintain safe working environment and conditions, and, reporting to the supervisor and or instructor all hazards in the work environment that he/she is unable to correct.

4. Being able and physically capable of performing assigned tasks and to observe all safety rules in the carrying out of these tasks.

5. Informing the supervisor when not able to perform his/her regular or other assigned duties.

6. Wearing or using ALL items of protective clothing and equipment provided or required to perform the job safely. Safety goggles, hearing protection, dust masks

7. Contacting his/her supervisor for assistance or instruction when in doubt about how to perform a job or activity safely or accurately.
8. Wearing proper clothing when reporting to work, i.e., no open-toed sandals, flip-flops, high heels, loose sleeves, hair or clothing, etc. These types of clothing could result in, or contribute to, an accident or its severity. You will not be allowed in the class or shop if you are wearing inappropriate clothing or footwear.

9. Performing other actions as necessary to prevent accidents.

I have read the above procedures for safety and have been briefed as to the proper safety procedures for use of equipment in Theatre Stagecraft THEA 2370, Theatre practicum THEA 1101, Stage lighting THEA 4375

NAME_________________________ DATE___________________

Insurance Carrier__________________________, Policy information
Emergency Contact Name ______________________________
Phone #___________________________