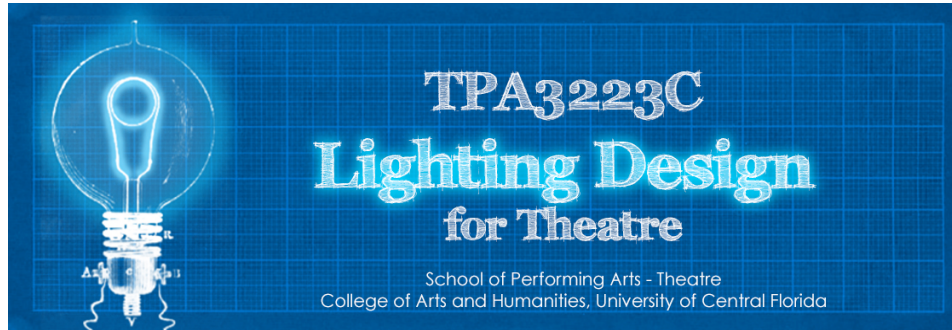


TPA3223C-18Spring 0001

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Professor: Bert Scott

Office Hrs: M,TR 10:00-12:00 or by appointment

Office: PAC, T236

Phone (407) 595-3797 cell. **Please don't call or text before 8am or after 10pm!**

E-Mail: Bert.Scott@ucf.edu

Course Meetings: Tuesday /Thursday, 9:00-10:15am in the Computer Lab or Light Lab (as announced in the previous class)

Course Description:

Projects in the fundamentals of lighting design for the stage.

Course Objectives:

This course will explore both the art and the science of lighting for the stage. Specifically, students will:

1. Explore the controllable qualities of light through laboratory work, class demonstrations, and observations from the world around us.
2. Learn to choose the appropriate instrumentation for various applications based on instrument optics and quality of light.
3. Develop a means of breaking down a script for lighting ideas and needs.
4. Develop a method of preparing a text for cueing.
5. Develop a method of breaking down a song for cueing.
6. Become more comfortable discussing, articulating, and critiquing lighting ideas.
7. Develop a process for analyzing a scenic design for lighting.
8. Learn a method of transforming a lighting ideas into a physical design.
9. Develop skills in creating lighting graphics and paperwork (light plots, hookups, etc).
10. Learn how to a lighting designer prepares for, and executes, the focus of a light plot.
11. Become aware of the business aspects of lighKng design including working as assistants, working with rental houses and dealing with unions and contracts.

Texts:

1. [A Practical Guide to Stage Lighting, 3rd Edition by Steven Shelley \(Links to an external site.\)Links to an external site.](#)
2. Scripts as announced in class

Assignments:

- 10% - Attendance and Participation in class discussion and critiques
- 15% - Attendance and Participation in focus calls for department shows
- 5% - *Script #1 Based Cueing* project.
- 5% - Magic Sheet.
- 2% - Wash Project Prep.
- 2% - Downlight Preliminary.
- 2% - Backlight Preliminary.
- 2% - Frontlight Preliminary.
- 2% - Sidelight Preliminary.
- 2% - Specials Preliminary.
- 5% - *Script #2 Ideas and Visual Research.*
- 10% - Composite Wash Project Drafting and Paperwork.
- 2% - Color Palette for Musical Theatre Song.
- 5% - Music Cueing Project Breakdown 5% - Music Cueing Project.
- 5% - *Final Project Production Ideas and Visual Research.*
- 5% - *Final Project Cue List, Ideas List.*
- 5% - *Final Project Preliminary Magic Sheet & System information.*
- 10% - *Final project Plot, Paperwork, and Presentation of Work.*
- 1% - Math is hard and we need this one percent to add up to 100...

Total 100%

Grading Scale:

93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
0-59	F

Attendance and participation:

Your attendance and participation in all class sessions and out of class experiences is expected. Any conflicts must be discussed with the instructor in advance. Any projects requiring class presentations must be presented to the class on the assigned date to receive credit. You will need to attend all three department productions in order to participate in class discussions. You will be expected to attend the focus for two department productions.

Late, make-up and extra credit work:

There will be no extra credit work.

All assignments are due in my office, or turned in online to Webcourses, by 5pm on the date listed in the course calendar. Any exceptions (religious holiday or official university, college, or department sponsored events, for example) must be arranged with the instructor at least one week in advance.

Late work may or may not be accepted, at the discretion of the instructor, IF you communicate with me in advance. Occasionally missing a deadline is a fact of life if you are a working designer and you should develop the habit of COMMUNICATING IN ADVANCE. Do not take advantage of this - if you make it habit of asking to turn in late work you will loose the privilege.

Academic integrity:

This class abides by the UCF Golden Rule (<http://www.goldenrule.sdes.ucf.edu/index.html>).

You are responsible for knowing the university rules and regulations and will be held accountable for them.

Plagiarism statement:

Plagiarism of any kind will not be tolerated. Students are expected to do their own work and all of the work produced should be completed in its entirety by the student who turns it in. Any first acts of plagiarism will result in a failing grade for the project. Any second act of plagiarism will result in an immediate failing grade for the course and referral to the Office of Student Conduct.

Students with disabilities:

Students with disabilities who qualify for academic accommodations must provide a letter from the Office of Student Disability Services.

Disclaimer:

We might discuss material that may express adult or controversial themes or contain strong language. If this presents a problem for you, please see the instructor immediately to assess your chances for success in the course.

Course Calendar:

		Topic	Discussion	Assignment Due	Reading Due
January 9th	Tues	Class Introduction and Assessment.	Scripts	-	
January 11th	Thurs	Controllable Qualities of Light and Functions of Stage Lighting	-	-	Shelley - Chapter 1 (A Review)
January 13th	Saturday 10-10	Focus Pentacost			

January 14th	Sunday 10-10	Focus Pentacost			
January 16th	Tues	Pentacost Plot and Paperwork	Make a Magic Sheet		Pentacost
January 18th	Thurs	The Design Process	-	-	Shelley - Chapter 3 (Background Preparations and Preliminary Design Work)
January 23rd	Tues	Discuss <i>Script #1</i> and present your production ideas.	<i>Script #1</i>	Prepare statement, outline, and any other resources you may want to share (audio or visual)	<i>Script #1</i>
January 25th	Thurs	Applying Lighting Language in Critique	Preliminary Drawings	Script #1 cued or static to an audio recording of a selection. We will critique and also play.	Shelley - Chapter 5 (Create the Preliminary Drawings)
January 30	Tues	Calculations, Channeling, Needs List.	Prep for Wash Project	Magic Sheet	Shelley Chapter 6 (Creating the Lighting Section and Light Plot - up to Backlight)
February 1st	Thurs	Applications, Pros & Cons of various Downlight Systems	Downlight Systems - Color Wash Pars - Color Wash Fresnels - Template	Preliminary Magic Sheet and System information. How many across? What systems? How are they channeled?	Shelley Chapter 6 (Downlight)

February 6th	Tues	Applications, Pros & Cons of various Backlight Systems	Backlight Systems - Straight Back - Diagonal Back - Diagonal Back Pipe End - Fanout	Downlight Systems	Shelley Chapter 6 (Backlight)
February 8th	Thurs	Applications, Pros & Cons of various Frontlight Systems	Frontlight Systems - Front 45 - Straight Front	Backlight Systems	Shelley Chapter 6 (Frontlight)
February 10th	Saturday 10-10	Focus Boy Gets Girl			
February 11th	Sunday 10-10	Focus Boy Gets Girl			
February 13th	Tues	Applications, Pros & Cons of various Sidelight Systems	Sidelight Systems - High Side - Pipe End	Frontlight Systems	Shelley Chapter 6 (Sidelight)

			- Box Boom - Center Cross		
February 15th	Thurs	Anaysis and approach for Backdrops and Translucencies	Specials - Calculation Based	Sidelight Systems	Shelley Chapter 6 (Backdrops and Translucencies)
February 20th	Tues	Cueing and Script Prep for Plays	-	Specials	Shelley - Chapter 5 (Create the Preliminary Drawings)
February 22nd	Thurs	Putting it all together and turning it into a plot.	Lightwright		

		Topic	Discussion	Assignment Due	Reading Due
February 27th	Thurs	Cueing and Script Prep for Musicals, and <i>Script #2</i> discussion	Where are the practicals?	Discuss <i>Script #2</i> and present your production ideas and visual research.	<i>Script #2</i> <i>Musical</i>
March 1st	Tues	Boy Gets Girl Lighting Analysis/ Discussion	Boy Gets Girl Production Critique	Your lighting design notes and questions about Boy Gets Girl	
March 3rd	Saturday 10-10	Focus Bernarda Alba			
March 4th	Saturday 10-10	Focus Bernarda Alba			

March 6th	Tues	Drafting & Paperwork Critique.		Composite Wash Plot - Key, Title Block, Border, Dimensions. Plan and Section. Instrument Schedule and Channel Hookup.	
March 8th	Thurs	Exploring Color, Discuss Scripts		Full color palette for <i>Musical</i> and color groupings. Song Project Broken down into lighting ideas.	
March 20th	Tues	Reading for shifts - we will read <i>Script #3</i> in Class, be sure to have your copy with you.		-	
March 22nd	Thurs	Looking at Light with Music		Musical Cueing Assignment Due	
March 27th	Tues	Research Analysis - How do we translate the research and ideas into a design?		Discuss <i>Script #3</i> and present your production ideas and visual research	
March 29th	Thurs	Cueing – Boys Gets Girl	-	Script #3 “ideas/needs” list and cue list. Ugly Preliminary Magic Sheet and System Info.	-
April 3rd	CELEBRATES - Class TBD	-		-	-

April 5th	CELEBRATES - Class TBD	-	-	-	-
April 10th	Tues	Guided work session		-	
April 12th	Thurs	Guided work session		Cueing Assignment - choose, design, and present a lighting "moment" from the show.	
April 17th	Tues	Guided work session			
April 19th	Thurs	Work Session - Catch up		Script #3 Plot and Paperwork, and Presentation.	

This syllabus may be modified at the discretion of the instructor. Changes will be discussed in class and/or via email