

Lighting Studio
TPA 4930
THE 6905

Course Syllabus

Fall 2019

**The University of
Florida College of
the Arts**

**School of Theatre and
Dance**

Professor Stan Kaye

OFFICE HOURS as posted on my office door OR BY

APPOINTMENT Class Meets M 1:00 - 2:00

MESSAGES: DEPARTMENT OFFICE 273-0510 direct line (Has voice mail)

MY OFFICE IN McGuire 207 (My cell is 352-317-2855)

E-M AIL: STANKAYE@arts.ufl.edu (CHECKED FREQUENTLY)

TEXTS

The Assistant Lighting Designers Toolkit, Anne E. McMills,
Focal Press, ISBN: 978-0-415-71121 2014 **(REQUIRED)**

The Automated Lighting Programmers Handbook, Brad Schiller
3RD Edition, Focal Press 2017 ISBN: 978-1-1389-92625-7
(HIGHLY RECOMMENDED)

*Automated Lighting: The Art and Science of Moving and Color-
Changing Lights* Richard Cadena, 3rd Edition, Focal Press ISBN:
978-1-138-85089-7 **(HIGHLY RECOMMENDED)**

Attendance is expected at every class meeting. Each absence beyond 3 will reduce the letter grade one full letter. Two lateness' shall equal one absence.

BIG NOTES:

Students are expected to spend 2-3 hours per credit hour per week on work outside of class on the subject matter of the class. This means that you should be spending

at least 3 hours per week on subject matter per week. In my view this is a minimum, ours is a highly technical and artistic field that is changing at breathtaking speed.

SUPPLIES NEEDED:

Software Required: Vectorworks Spotlight 2019 student edition or (latest edition)
– Lighting Design Software: Student Version. WYSIWYG Student or Design or you may use the lab machines. Live Level Dongle will be provided for you.
This link will help you get the software. You need to get this software up and running immediately. <https://www.cast-soft.com/cast/academic/students.php>

Required: Computer system, Lap-Top or desktop capable of running **WYSIWYG** and **Vectorworks**. Software: Vectorworks Spotlight (student edition), Adobe PDF writer standard, Photoshop CS or creative cloud Microsoft office Suite.

GRADING BREAKDOWN:

All students enrolled in this first pilot of lighting studio will have specific assignments in the production program. Various tasks (as listed below) are expected as part of the work in those production assignments. This studio is intended to allow you supervised time to develop skills that are required by the projects. Individual mentoring and shared experiential learning shall be the primary mode of learning during this studio. You are expected to show up with a specific task to work on and develop during the meeting time. You will get the most of it by being **self-motivated** and utilizing the experience of the instructor and the others in the studio to bring your work to the highest level possible.

Project activities that may relate to your specific assignment.

1. Light plot development, refinement, and editing
2. Light section development, refinement, and editing
3. Mastery of LightWright software
4. Lighting Programming and console preparation
5. Color studies
6. Content analysis

7. Cue stack construction
8. Pre-Visualization studies and storyboards
9. Blocking analysis
10. Magic Sheets
11. Programming exercises

Drafting Project Drafting Metrics

Activity/Metric	Point range	<i>Points Awarded</i>	Notes for improvement	Notes of praise
paper quality	1-5			
Folding	1-5			
borders	1-5			
title block	1-5			
Legend/keys	1-5			
symbols	1-5			
layer and class structures	1-10			
dimensions	1-10			

notation and key notes 1-10

neatness and clarity 1-5

line weights 1-5

punctuality 1-10

mastery of craft 1-10

development of style 1-3

development of template 1-3

growth over time 1-5

Paperwork LW Magic Sheet Metrics

Activity/Metric	Point range	Points Awarded	Notes for improvement	Notes of praise
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organization	1-10			
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page layout	1-10
data completion	1-10
Precision /accuracy	1-10
print quality	1-5
punctuality	1-3
presentation	1-3

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Lighting projects metrics

Activity/Metric	Point range	Points Awarded	Notes for improvement	Notes of praise
conceptualization	1-5			

visual research and inspiration	1-3
sourcing and industry knowledge	1-5
schematic planning	1-10
content analysis	1-10
CAD drafting	1-10
detailing	1-5
Lightwright Paperwork	1-5
aesthetic originality	1-5
visualization/storyboards	1-10
collaboration	1-5
preparation	1-5
execution	1-10
communication/presentation	1-10

punctuality

1-5

Adaptability - collegiality

1-5

Overall professional
presentation to standards

1-10

Crew Assignments Metrics

Activity/Metric

Point range

Points
Awarded

Notes for
improvements

Notes of praise

Commitment

1-10

attendance

1-10

diligence

1-10

self-improvement

1-10

cooperation

1-10

execution

1-10

consistency

1-10

self discipline

1-10

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communication 1-10

collegiality 1-10

Definitions:

Craft: exercise skill in making (something)

Style: a distinctive appearance, typically determined by the principles according to which something is designed.

Template: a distinctive appearance, typically determined by the principles according to which something is designed.

Growth: the process of developing or maturing physically, mentally, or spiritually.

Organization: the structure or arrangement of related or connected items.

Layout: the process of setting out material on a page or in a work

Schematic: (of a diagram or other representation) symbolic and simplified.

Detailing: describe item by item; give the full particulars of.

Aesthetic: giving or designed to give pleasure through beauty; of pleasing appearance

Storyboard: a sequence of drawings or images, typically with some directions and dialogue, representing the shots planned for a movie or television production or play/dance

Collaboration: the action of working with someone to produce or create something

Preparation: the action or process of making ready or being made ready for use or consideration.

Execution: the technique or style with which an artistic work is produced or carried out.

Communication: the imparting or exchanging of information or news

Punctuality: the fact or quality of being on time

Adaptability: the quality of being able to adjust to new conditions.

Commitment: the state or quality of being dedicated to a cause, activity, etc

Attendance: the action or state of going regularly to or being present at a place or event.

Diligence: careful and persistent work or effort.

Self improvement: careful and persistent work or effort.

Cooperation: assistance, especially by ready compliance with requests.
the process of working together to the same end

Consistency: conformity in the application of something, typically that which is necessary for the sake of logic, accuracy.

Self discipline: the ability to control one's feelings and overcome one's weaknesses;
the ability to pursue what one thinks is right despite temptations to abandon it.

Precision: the quality, condition, or fact of being exact and accurate

INDUSTRY RESOURCES:

Since you are planning a career in lighting design you should subscribe to at least one of the following periodicals and make them a permanent part of your library.

Live Design <http://livedesignonline.com/>

PLSN (Pro Lights and Staging News) <http://www.plsn.com/>

Light and Sound America <http://www.lightingandsoundamerica.com/>

Lighting Design and Application (LD&A) http://www.ies.org/lda/members_contact.cfm

Stage Directions <http://www.stage-directions.com/>

CONSIDER JOINING:

USITT = United States Institute for Theatre Technology <http://www.usitt.org/>

IALD – International Association of Lighting Designers <http://www.iald.org/>

USA-829 – United Scenic Artists (At some appropriate point in your career) Examination and experience required. <https://www.usa829.org/Default.aspx>

International Association of Amusements Parks and Attractions – If you have any interest in working in this area of our field <http://www.iaapa.org/>

Students with Disabilities:

Students requiring classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Counseling and Mental Health:

Please be aware that there are people on-campus to assist you if you feel that the pressures of a semester are too great for you to handle. Call any of the services listed below for assistance:

Student Mental Health (24 hours on call) 2nd
Floor, Student Health Care Center 392-1171

University Counseling Center P301
Peabody Hall
392-157

Please refer to your student handbook for the University's honesty policy regarding cheating and the use of copyrighted materials.

ATTENDANCE AT PERFORMANCES: Since production is the laboratory for all theatre courses, attendance at all mainstage Department of Theatre and Dance productions is required of students enrolled in classes with the following prefix designations: THE, TPA, TPP, ORI. Critiques of and/or responses to these productions may be required.

USE OF ELECTRONIC DEVICES: The use of cell phones or other mobile devices is disruptive, and therefore is prohibited during class. Except in emergencies, those using such devices must leave the classroom for the remainder of the class period.

Students are not permitted to use computers during class without specific permission from the instructor, and in that case, students using the computer for work not related to the class must leave the classroom for the remainder of the class period. Classes may not be recorded without express permission from the instructor.

ONLINE COURSE EVALUATIONS: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students <https://evaluations.ufl.edu/results/>

