

TPA 6753

Lighting Design

Monday and Wednesday
Periods 4 +5 CON 217 (10:40-
12:35)

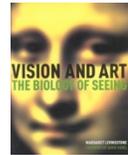
Course Syllabus

Professor: Stan Kaye, Professor	Semester: Fall 2016
Office: CON 207	Office Phone: 352-273-0510
Office Hours: M/W or by appt	Email: 'stankaye@arts.ufl.edu

Textbooks

A wealth of reading materials will be posted on the e-learning site Canvas.
Vison and Art: The Biology of Seeing : Margaret Livingstone *ISBN-13: 978-0810995543*
Josef Albers-Interaction of Color- This is an electronic App- Purchase on items-read and
bring your thoughts to class.

<https://itunes.apple.com/us/app/interaction-color-by-josef/id664296461?mt=8>



Course Objectives

- To expose the advanced lighting student to modes of lighting not common to theatrical practice. Through readings, class discussions and design projects students' knowledge in the following specialties of lighting design and technology will be deepened.
 1. 3dD Visualization
 2. Use of REVIT
 3. Use of WYSIWYG
 4. Use of Vectorworks 3D
 5. Photoshop Lighting techniques
 6. Lighting metrics and spectroscopy
 7. Color science and color space
 8. Video editing
 9. Photo re-touching
 10. Museum Lighting
 11. Presentation development
 12. Theatre facility design

Method:

- Via a variety of modalities we will engage in symposium (<http://www.dictionary.com/browse/symposium>) style of learning. Both the instructor and students will present information to the group and engage the group in discussion, critique, philosophical debate, and presentation and critical analysis of assigned project results.

Course Description:

- The course content is new, and customized based on the instructor's wide ranging interests and the research in tangential areas of lighting design and lighting science as well as performance facility renovation and design. The instructor will provide extensively curated information and documentation on a variety of subjects via the UF e-learning interface. Students will be expected to read and take notes on the various information available or add to it from their own research. Students will be prepared to engage in discussion as a participant or present information and critical analysis to the class of the members of the symposium.
- Students will engage on projects that are developed from their set of interests that allow them to engage and begin to master the software's and techniques that will be presented throughout the semester.

Outcomes:

- Extensive and intensive knowledge and awareness of various methodologies and practical techniques of lighting design practice
- Capabilities in the latest software's now being practiced in the professions including emerging technologies just now being adopted by the professions
- Synthesis of project results into exciting visual presentations that demonstrate to other professionals or potential clients to illustrate both design concepts and practical documentation to realize physical projects

eLearning

We will be using the e-Learning system this semester as a way for you to keep track of your progress in the course, as well as exams, quizzes, and to make any course information you may need always available to you including weekly readings and supplemental course material. Please be sure to check eLearning on a regular basis. Any notices I send via eLearning are considered as important as in class announcements.

Attendance and class participation:

Attendance for TPA 6357 is mandatory. The course is based in discussion and practical application. You will not be able to learn the information presented in this course from the shared documents alone. You are allowed 3 unexcused absences. Subsequent unexcused absences will result in the loss of one grade level per absence' (i.e. B+ would be reduced to a B for one absence).''In order for an absence to be excused you must provide a written doctor's note or have written approval from the instructor prior to the absence.

Participation is a major component of learning. Readings listed in the syllabus should be completed for the class period in which they are scheduled. It's imperative that you complete these readings so we can have a productive conversation in class. I expect each student to be actively engaged in our conversations in each and every class.

Quizzes

You may be given unannounced quizzes over the course of the semester. All quizzes will count towards your final grade. They will cover material we've discussed in class as well as assigned reading material. Quizzes cannot be made up however, your lowest quiz grade will be dropped.

Projects

These projects are practical exercises that are designed to demonstrate your mastery of the subjects discussed in class. There will be a total of 3 projects over the course of the semester. You will be provided with details for each of the projects. All projects shall be uploaded to the e-learning site "Canvas"

Final Project: (Project 3)

Grading

All projects will be graded on effort, timeliness, commitment to quality, creativity, self-initiative, system of information and professional ethics.

Academic Honesty

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity. You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: On my honor, I have neither given nor received unauthorized aid in doing this assignment.

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see:

<https://www.dso.ufl.edu/sccr/process/studentEconductEhonorEcode/>

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

University Counseling & Wellness Center, 3190 Radio Road, 352 392 1575

www.counseling.ufl.edu/cwc/

- Counseling Services
- Groups and Workshops
- Outreach and Consultation
- Self Help Library
- Training Programs
- Community Provider Database Career

Resource Center, First Floor JWRU, 3921601

www.crc.ufl.edu/

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty student disability related issues. Students requesting 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

0001 Reid Hall, 352 392 8565

www.dso.ufl.edu/drc/

****Please remember that this syllabus and the course schedule are subject to change at any time during the course of the semester. However, I will ensure adequate notice of any changes.****

Topics and projects for TPA 6357

Lighting Metrics – meter use illuminance and spectroscopy

Color Science and color system

Auto desk REVIT

WYSIWYG

Museum Lighting

PhotoShop lighting techniques

Basic video editing

Photo retouching

Presentation development

Theater facility design

Construction documentation for facility design

Resources:

<http://www.paulfriedlander.com/>