

TPA 4930 – Advanced Lighting Programming

Section: 16G5

Spring 2015

Period: 8 and 9

Class Time: Monday/Wednesday 3:00-4:55

Location: Maguire Pavilion (Constans Theatre Annex) Design Wing Rm. 219

Instructor: Dan Hopper

Phone: 603-455-3326

Email: Dhoptech01@gmail.com

Office Hrs: By Appointment Only

Required Text:

The Automated Lighting Programmers Handbook, By Brad Schiller, ISBN-10: 024081553X

Required Software:

ETC Eos Nomad 2.2.0 (FREE)

GrandMA OnPC (FREE)

Recommended Text:

None

Course Objective:

Familiarize student with basic and intermediate concepts of computer controlled theatrical lighting programming, and apply these concepts in practical projects and presentations throughout the semester.

Course Description:

This course is a standalone option that will give students the basic and intermediate knowledge to be able to program on some of the common theatrical consoles that are used in today's entertainment industry. It will look at the more complex workings of cue'ing, moving fixtures, non-intensity attributes (I.E. pan, tilt, color), and syntax. The course will use hands on instruction with computer lighting consoles as well as in class instruction. By the end of the course students should be have a strong understanding of terminology, syntax, and key stroke on several different versions of lighting consoles.

Attendance:

Expected. **More than two unexcused absences will result in the loss of one letter grade step (-3.5%) per one absence thereafter** (B+ to a B). Students are responsible for all information presented and/or assigned. Attendance will be taken. Predicted absenteeism should be discussed with the instructor(s) no less than one week prior to the event. **Any student missing a class for any reason is responsible for getting notes and handouts from a fellow student, not the instructor.** Students are expected to enter class on time and stay through the entire lecture. If you are later than 15 minutes to the beginning of class you will be considered absent. Being tardy three times is the equivalent of an absence. **Please do not bring food or drinks into the classroom.** Water is an exception.

LATE WORK:

You are expected to complete all assigned work on time. No late work will be accepted, even in the case of an excused absence.

Academic Honesty:

As a result of completing the registration form at the University of Florida, every student has signed the following statement: *"I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University."*

The instructors of this course fully support the intent of the above statement and will not tolerate academic dishonesty. We, the members of the University of Florida Community, pledge to hold ourselves, and our peers, to the highest standards of honesty and integrity.

Students with Disabilities:

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.

Miscellaneous:

There is no food or drink permitted in the classroom. **Students must silence or turn off their cell phones** before the class period. The use of cellphones will not be permitted at any point during class including written exams. Students found using their cell phone during lecture will be given a **zero participation grade for the day**. Cell phone use during an exam will result in zero credit for the exam. There will be no extra credit available for this course.

Reading:

Assigned readings are due on the assigned day. The instructor reserves the right to quiz you on these readings at any time and is more likely to do so if they feel that you have not been doing the reading or are not participating in class discussions.

Projects:

Over the course of the semester, you will be assigned 3 projects, 2 writing assignments, and 1 final project, each one dealing with different aspects of lighting design. Projects must be presented on the day that they are due. **No exceptions will be made, unless you have a Doctor's note.**

Quizzes:

Quizzes will be given at random. You will not be able to make up a quiz.

Class Participation:

You will be graded on how actively you participate in class discussions and demonstrations. There will also be a grade to reflect your attitude and effort during your lab hours and/or show assignment.

Show Critiques:

You are required to attend **all 3** UF productions over the course of the semester. In response to your choice of two of the productions, you will write a short 2-3 page, double-spaced critique following the guidelines as given in class.

Papers **MUST** be typed, 1" margins, Times New Roman 12 pt. font. The papers should focus on the technical presentation of the show, emphasizing on lighting and sound. Further requirements will be discussed as the semester progresses.

Metamorphoses – Constans Theatre – January 23 – February 4

Gator Tales – Black Box Theatre – February 13 – February 22

Dance 2015 – Constans Theatre – March 13 – March 20

Comedy of Errors – Black Box Theatre – April 3 – April 12

Grading Breakdown:

There are 1000 points possible throughout the semester. The grading breakdown and scale is as follows:

Class Participation	50 pts
Quizzes	50 pts (Possible)
Production Critiques	100 pts (50 per production)
Macro Project	150 pts
Palette Project	150 pts
Proficiency Exam	200 pts
Final Project	<u>300 pts</u>
	1000 pts

Grading Scale:

A	940-1000	B	840-869	C	740-769	D	650-669
A-	900-939	B-	800-839	C-	700-739	E	0-649
B+	870-899	C+	770-799	D+	670-699		