

TPA 3223c - LIGHTING DESIGN TOPICS

SECTION NUMBER: 000000 CREDITS: 03 Fall Term 2013
Instructor Name: Dr. Richard J. Gamble, USAA 829
Instructor Office: AL 186
Instructor Office Hours: 7:30-9:00 AM or by appointment
Instructor E-mail: gamble@fau.edu
Office Phone: 297-2508
Course Prerequisites: TPA 2000 and TPA 2200
Course Meets in PA 109 - MW 10:00AM - 10:50AM
Course Catalog Description: Course covers special topics areas, such as lens theory, electrical theory, automated luminaries, and paperwork. Course may be repeated for credit with new topic only.

This class will also be covering the use and maintenance of general lighting equipment as found at FAU and common to small contemporary theatre design work.

TEXT: (not actually required but a good idea if you are ever planning on doing this stuff in the future)

Photometrics Handbook by Robert C. Mumm

(New this book costs \$23.00. Good used copies can be found for less than \$10 on Amazon)

Backstage Handbook: An Illustrated Almanac or Technical Information by Paul Carter

(New this book costs \$23.00. Good used copies can be found for less than \$13 on Amazon)

CLASS REQUIREMENTS:

Since there is really very little that can be lectured or read about concerning stage lighting design and technology, this class will be very much a series of hands-on demonstrations and explanations of the essential elements in the creation of stage lightning.

CLASS OBJECTIVES:

Students will learn the tools and techniques that are key to processes to achieve a lighting design for live stage production.

GRADING:

Your final grade will be a composite of two exams and the successful completion of your lab work.

Exams: There will be two(2) regular exams including the final. The material covered in these exams will be drawn from material covered in the lectures.

Grading:	Exam 1 - - - - -	30%
	Exam 2 - - - - -	30%
	Stage Lighting Lab - - - - -	40%

CLASS SCHEDULE:

Mon., Aug. 22Introduction
Wed., Aug. 24Electricity - Ohms Law - Power Service
Mon., Aug 29Electricity - Ohms Law - Power Service
Wed., Aug 31Lamps - Light Sources
Mon., Sept. 5No Class - Labor Day
Wed., Sept. 7Light - Optics
Mon., Sept. 12Gel - Accessories
Wed., Sept. 14DMX - LAN - Ethernet - WiFi
Mon., Sept. 19Stage lighting process - reading drawings,
hang and focus
Wed., Sept. 21Stage lighting process - reading drawings,
hang and focus
Mon., Sept. 26Hang and Focus Production #1
Wed., Sept. 28Hand and Focus Production #1
Mon., Oct. 3Tech Rehearsal - Setting Cues
Wed., Oct. 5Tech and Dress Rehearsal
Mon., Oct. 10Control Board programming
Wed., Oct. 12Control Board programming
Mon., Oct. 17Moving Light programming
Wed., Oct. 19Moving Light programming
Mon., Oct. 24Hang and Focus Production #2
Wed., Oct. 26Hang and Focus Production #2
Mon., Oct. 31Tech Rehearsal - Setting Cues
Wed., Nov. 2Tech and Dress Rehearsal - Sunrise
Observation Day - 6:45 (SR @ 7:30)
Mon., Nov. 7Projection equipment - Graphics creation
Wed., Nov. 9No Class - Veterans Day
Mon., Nov. 14Projection equipment - Graphics creation
Wed., Nov. 16Projection equipment - Graphics creation
Mon., Nov. 21Rigging and knots
Wed., Nov. 23Rigging and knots
Mon., Nov. 28Hang and Focus Dances We Dance
Wed., Nov. 30Hang and Focus Dances We Dance
Mon., Dec. 5Final Exam Period - 7:45 AM - 10:15 PM

ATTENDANCE POLICY OF THE DEPARTMENT OF THEATRE & DANCE:

Three absences will lower your final grade by one letter. Each subsequent absence will lower your final grade by one letter. Five absences will result in automatic failure. Three tardies equals one absence. If you arrive to class after roll is taken, it is your responsibility to check in at the end of class to make sure your attendance is recorded. See University policies in the FAU Student Handbook <http://www.fau.edu/handbook/>

UNIVERSITY POLICY ON ABSENCES AND INCOMPLETES:

Students will not be penalized for absences due to participation in University-approved activities, but proof of involvement must be provided. Reasonable accommodation will be made for student absences due to religious observance(s). Also, note that grades of Incomplete ("I") are reserved only for students who are passing the course but have not completed all the required work because of exceptional circumstances. Incompletes should be pre-arranged with the instructor before the end of the term.

THE FAU CODE OF ACADEMIC INTEGRITY:

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see the Code of Academic Integrity in the University Regulations at http://www.fau.edu/regulations/chapter4/4.001_Code_of_Academic_Integrity.pdf.

STUDENTS WITH DISABILITIES:

In compliance with the Americans with Disabilities Act (ADA), students who require special accommodation due to a disability to properly execute course work must register with the Office for Students with Disabilities (OSD) -- in Boca Raton, SU 133 (561-297-3880); in Davie, MOD 1 (954-236-1222); in Jupiter, SR 117 (561-799-8585); or at the Treasure Coast, CO 128 (772-873-3305) - and follow all OSD procedures. More information available at <http://osd.fau.edu/>