TPA 3223c - LIGHTING DESIGN TOPICS

Instructor Name: Dr. Richard J. Gamble, USAA 829
Instructor Office: AL 186
Instructor Office Hours: 7:30-9:00 AM or by appointment
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Course Prerequisites: TPA 2000 and TPA 2200

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 lighting.

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