



**THE 545.001 – Lighting Theatre
COURSE SYLLABUS: Fall 2016**

Instructor: Michael G. Knight, Jr., Assoc. Professor of Theatre Design

Office Location: PAC 101

Office Hours: MTWR: 10:00-10:50 or by appointment

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COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbook(s)/Materials Required:

In lieu of a textbook, students will be provided with topical handouts and will be expected to take detailed notes of the lectures. Students should come to class each day with sufficient paper for note taking.

Course Description:

The basic, advanced, and theoretical techniques of the principles and practices of lighting design for the stage. Included are design functions, instrumentation, electricity, history and theories of design.

Student Learning Outcomes:

1. The student will be able to understand the basic skills and theoretical practices involved in lighting design.
2. The student will be able to identify and understand the use of theatrical lighting instrument and all tools associated with those instruments.
3. The student will be able to practically apply the skills learned in a completed lighting design (conceptual).

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments:

Students will be graded on a series of quizzes, exams, type-written, class participation, group work, and a research paper or service learning hours.

Grading:

Quizzes:	5	10 pts.	50 pts.
Topic Assignments:	5	10 pts.	50 pts.
Class Participation:	1	50 pts.	50 pts.
Group Work/Project:	1	50 pts.	50 pts.
Presentation/Paper:	1	100 pts.	100 pts.
Final Project	1	100 pts.	100 pts.
Mid-Term Exam:	1	100 pts.	100 pts.
Final Exam:	1	100 pts.	100 pts.
		TOTAL:	600 pts.

Points Breakdown:

600-550 pts. = A
549-500 pts. = B
499-450 pts. = C
449-400 pts. = D
399-000 pts. = F

TECHNOLOGY REQUIREMENTS

Technology requirements for this course include basic computer knowledge and a working e-mail address that is checked on a regular basis.

ACCESS AND NAVIGATION

N/A

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement:

If at anytime during this course you are in need of further explanation or should need to speak with me about the course or its outcomes, please see me after class and set up an appointment time.

COURSE AND UNIVERSITY PROCEDURES/POLICIES
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Course Specific Procedures:

Students enrolled in this will follow all safety procedures and policies set in place by the local, federal, and university governments.

Attendance Policy:

Regular attendance is required. Attendance in one of my classes means physical as well as mental attendance to the course. If I find you sleeping, texting, reading material not directly related to class, or unwilling to participate in class activities, you will be asked to leave the class.

Plagiarism:

Plagiarism is the undocumented use of other people's intellectual property. Students caught plagiarizing will receive an "F" for the course and will also be directed to the Dean of Students to discuss the event. There are no exceptions to this rule.

University Specific Procedures:

ADA Statement:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library
Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamuc.edu

Student Conduct:

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).

Concealed Carry Statement:

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to

((<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>) and/or consult your event organizer). Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

COURSE OUTLINE / CALENDAR

Class Schedule: *schedule is subject to change*

WEEK 1	Introduction to course/syllabus Controllable Qualities of Light Function of Stage Lighting Basic Terminology
WEEK 2	Lighting Instruments: Fresnel, ERS, and PAR <i>Famous People in Lighting #1</i> Lamps and Lenses <i>QUIZ #1</i>
WEEK 3	Electrical Theory and Practice The Design Process The Details <i>Topical Assignment #1</i>
WEEK 4	The Lighting Area The Lighting Key Analysis: Distribution, Intensity, Movement, and Color <i>QUIZ #2</i>
WEEK 5	Photometrics Applying the Lighting Key to the Light Plot Lighting Systems <i>Topical Assignment #2</i> Draw for presentation order
WEEK 6	Color <i>Famous People in Lighting #2</i>
WEEK 7	Psychological Effects of Light Design Styles (Venues and Situations)

WEEK 8	Lighting Equipment and Accesories <i>MID-TERM Exam</i>
WEEK 9	Projections Presentations #1
WEEK 10	Cuing the Script/Show <i>QUIZ #3</i>
WEEK 11	Paperwork, Paperwork, Paperwork Lighting Instruments: CYC, Scoop, Beam Projector Presentations #2
WEEK 12	The Design Process The Light Plot Topic Assignment #4 <i>QUIZ #4</i>
WEEK 13	Rehearsal/Performance Your Responsibilities: Tech Rehearsal and Performance Presentations #3
WEEK 14:	Practical Design Work Group Project Topic Assignment #5
WEEK 15:	Practical Design Work Group Project <i>Famous People in Lighting #4</i> <i>QUIZ #5</i>
WEEK 16:	TBA LAST DAY OF CLASS
WEEK 17:	FINAL EXAM