



**THE 316.001 – Lighting Theatre
COURSE SYLLABUS: Spring 2019**

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

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Office Hours: by appointment

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COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbook(s)/Materials Required:

TITLE: *Designing With Light: An Introduction to Stage Lighting*

BY: j. Michael Gillette and Michael McNamara

ISBN: 0-07-351423-3

NOTES: Please have this book no later than the 2nd week of the course. The book can be found on Amazon as well as other theatrical publishing companies. The bookstore will not have any copies.

Course Description:

The basic techniques of the principles and practices of lighting design for stage and television. Included are design functions, instrumentation, electricity, history and theories of design. Pre-requisite THE 215

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	5 pts.	25 pts.
Topic Assignments:	5	5 pts.	25 pts.
Class Participation:	1	25 pts.	25 pts.
Group Work/Project:	1	25 pts.	25 pts.
Research 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:	500 pts.

Points Breakdown:

- 500-450 pts. = A
- 449-340 pts. = B
- 399-350 pts. = C
- 349-300 pts. = D
- 299-000 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

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*).

COURSE OUTLINE / CALENDAR

Class Schedule: ***schedule is subject to change***

WEEK 1	Introduction to course/syllabus Controllable Qualities of Light Function of Stage Lighting
WEEK 2	Psychological Effects of Light #1 Tools of the Trade QUIZ #1
WEEK 3	Lighting Positions/Team Lighting Instruments (Fresnel)
WEEK 4	Electrical Theory and Practice QUIZ #2
WEEK 5	Photometrics Lighting Instruments (PAR) QUIZ #3
WEEK 6	Lamps and Lenses
WEEK 7	Basic Parts of an Instrument/Lighting Instruments (ERS) Lighting Instruments (ERS) QUIZ #4
WEEK 8	Lighting Equipment (cables, wiring, connectors, etc.) MID-TERM Exam
WEEK 9	Simple Wiring
WEEK 10	Consoles Color Topic Assignment #1 Lighting Instruments (CYC)
WEEK 11	Projections/Gobos Famous People in Lighting QUIZ #5

- WEEK 12 The Design Process
 The Light Plot
 Topic Assignment #2
- WEEK 13 Rehearsal/Performance
 The Light Plot
 Lighting Instruments (scoop)
 Topic Assignment #3
- WEEK 14: Famous People in Lighting
 Paper Work/ Lighting Key/Area
 Topic Assignment #4
- WEEK 15: Famous People in Lighting
 Topic Assignment #5
- WEEK 16: Psychological Effects of Light #2
 LAST DAY OF CLASS
 Research Paper Due
- WEEK 17: FINAL EXAM