



**THE 497.05B – LIGHTING TECH I
COURSE SYLLABUS: SPRING, 2021**

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

Office Location: PAC rm. 101

Office Hours: M-R: 1pm-4pm, or by appointment

Office Phone: 903.886.5311

Office Fax: 903.468.3250

University Email Address: michael.knight@tamuc.edu

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbook(s)/Materials Required:

Supplemental materials (handouts, e-mails, and readings) will be provided in lieu of a physical text.

A MATERIALS LIST WILL BE EMAILED TO ALL STUDENTS. THE LIST WILL HAVE ITEMS THAT YOU MUST HAVE IN ORDER TO COMPLETE THE SELECTED PROJECTS. NOT ALL MATERIALS ARE DUE AT ONCE. SO YOU MAY SPREAD OUT YOUR MATERIALS PURCHASING.

Course Description:

An in-depth overview of several lighting technology techniques & projects.

Student Learning Outcomes:

1. The student will be able to understand and apply practical lighting technology techniques and terms.
2. The student will be able to successfully construct several practical lighting projects from detailed instructions and diagrams.
3. The student will be able to understand and utilize a variety of lighting technology terms as they apply to Theatre.

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments:

Students will be graded on a series of quizzes, exams, and project based assignments.

Grading:

Projects:	5	50 pts.	250 pts.
Quizzes:	4	25 pts.	100 pts.
Technique Exams:	4	25 pts.	100 pts.
Final Exam:	1	100 pts.	100 pts.
		TOTAL:	550 pts.

Points Breakdown:

550-500 pts. = A
499-450 pts. = B
449-400 pts. = C
399-350 pts. = D
349-000 pts. = F

TECHNOLOGY REQUIREMENTS

Technology requirements for this course include basic computer knowledge and a working e-mail address. Students must also have access to a MyLeo email address, D2L Learning platform, and the ability to take and send digital photos.

ACCESS AND NAVIGATION

N/A

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement:

If at any time 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. This is an on-line class. The assignments will be video based, with videos posted twice a week (Tuesday and Thursday by 17:00). All assignments will have a video, a “magic sheet” for each technique and/or assignment, and a clear example of what is expected. All assignments will have accompanying rubrics that will detail how/why points are awarded or taken off. Students must submit all assignments to the D2L drop-box associated with the particular assignment. DO NOT EMAIL ME YOUR ASSIGNMENT UNLESS INSTRUCTED TO DO SO. Most every assignment will require a 2-3 photos of the final piece. Students must have the ability to take and send photos of each project. This is a must. This is a very hands on course. You are responsible for the materials list for this 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:
University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

ADA Statement

Students with Disabilities

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

Email: Rebecca.Tuerk@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus 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 the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

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 The Basics Materials Tools Techniques
WEEK 2	Circuits #1 QUIZ #1
WEEK 3	Circuits #2 TECHNIQUE EXAM #1 DUE "Circuits"
WEEK 4	Special Lighting Positions #1
WEEK 5	Incandescent Units #1 PROJECT #1 DUE "Circuits" Incandescent Units #2 TECHNIQUE EXAM #2 DUE "Incandescent Units"
WEEK 6	Special Lighting Positions #2 QUIZ #2
WEEK 7	LEDs, switches, and wiring #1 PROJECT #2 DUE "Incandescent Units"
WEEK 7	LEDs, switches, and wiring #2
WEEK 8	Care and Feeding of the Ellipsoidal Reflector Spotlight (ERS) PROJECT #3 DUE "LEDs, switches, and wiring" QUIZ #3
WEEK 9	NO CLASS!!!
WEEK 10	Special Lighting Positions #3 TECHNIQUE EXAM #3 DUE
WEEK 11	Care and Feeding of the Fresnel Spotlight Projections #1
WEEK 12	Projections #2 TECHNIQUE EXAM #4 DUE
WEEK 13	Special Lighting Positions #4 Introduction of final project PROJECT #4 DUE

WEEK 14 Care and Feeding of Cyclorama (CYC) Instruments
 QUIZ #4

WEEK 15 PROJECT #5 DUE
 Final Exam