



Please, click on the following link to access A&M-Commerce Covid 19 Information,
<https://new.tamuc.edu/coronavirus/>

THE 316.01E "LIGHTING I"

09:30 – 10:45, TR

COURSE SYLLABUS: SPRING 2022

INSTRUCTOR INFORMATION

Instructor: Michael G. Knight, Jr., MFA
Office Location: PAC 101B
Office Hours:
Office Phone: 903.886.5311
Office Fax: 903.468.3250
University Email Address: michael.knight@tamuc.edu
Preferred Form of Communication: e-mail
Communication Response Time: 12-24 hours

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Required: Designing With Light: An Introduction to Lighting Design, 7th ed.

Software Required: Vectorworks 2022 (educational edition) *{it is free for students}*

Required Materials: (1) Architects Scale Ruler (imperial), 45/90 triangle, 30/60/90 triangle, a straight ruler (12"-18"), work gloves, crescent wrench, headlamp, blank journal, and pencils.

Course Description

Student Learning Outcomes (Should be measurable; observable; use action verbs)

- 1.Students will be learn, and be able to properly use, discipline vocabulary.
- 2.Students will learn basic lighting design styles including 3-point, 4-Point, Dance, Music/Concerts, as well as several others.
- 3.Students will learn the parts and purposes of the ERS, the Fresnel, the CYC cell, as well as other specialty lighting instruments.
- 4.Students will learn the drafting and paperwork processes directly related to lighting design.
- 5.Students will learn basic lighting console programming.

The syllabus/schedule are subject to change.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Students will need to be able to engage in basic climbing, instrument focusing and changing, as well as complete assignments via Vectorworks 2022 (will be taught), D2L, Word (or equivalent), PowerPoint (or equivalent), and Adobe.

Instructional Methods

This class will be taught through a combination of face-to-face lessons, in the field work, research, and D2L assignments.

Student Responsibilities or Tips for Success in the Course

Show up. Show up on time.

GRADING

Total points corresponding to the final letter grades

A = 551- 600 Points

B = 501- 550 Points

C = 451- 500 Points

D = 401- 450 Points

F = 400 & > Points

Weights of the assessments in the calculation of the final letter grade.

Practical Assignments	(10)	20 pts.	200 pts.
Lighting Projects	(5)	20 pts.	100 pts.
Quizzes	(5)	20 pts.	100 pts.
Midterm Exam	(1)	100 pts.	100 pts.
Final Exam	(1)	100 pts.	100 pts.
TOTAL	100%		

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TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

If at any time you are unsure of an assignment or lesson. Or need further clarification on anything. Please do not hesitate to contact me.

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COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

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/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

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](#)

[Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

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

Students with Disabilities-- 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

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/)

<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.

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A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

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COURSE OUTLINE / CALENDAR

- WEEK 1:** Who's who?
Basic Theatre Lighting
3-Point Area "McCandless Method"
Purpose of Lighting Design
Controllable Qualities of Light
- WEEK 2:** Angles, Direction, and Height
Script Analysis
PRACTICAL ASSIGNMENT #1: *Script Analysis*
- WEEK 3:** Lighting Instruments: Anatomy, Repair, and Usage
Theatrical Lighting
Realism vs Abstraction
QUIZ #1 (D2L)
PRACTICAL ASSIGNMENT #2: *Vectorworks pt. 1*
- WEEK 4:** The Lighting Key...the Gateway Paperwork
Lighting Plots, and Paperwork
Basic Programming on a Lighting Console...very basic
PRACTICAL ASSIGNMENT #1: *Script Analysis DUE*
- WEEK 5:** Color and Balance
Gels and Gel Transformations
Dance Lighting
LIGHTING PROJECT #1: *Dance "Create a Scene"*
QUIZ #2 (D2L)
PRACTICAL ASSIGNMENT #2: *Vectorworks pt. 1 DUE*
- WEEK 6:** Texture
Projections
Light Plot and Paperwork Review Pt. 1
LIGHTING PROJECT #1: *Dance "Create a Scene" DUE*
PRACTICAL ASSIGNMENT #3: *Textures and Projections*
- WEEK 7:** Musical Performance (concert) and Entertainment Lighting
Haze, Smoke, and SF/X
LIGHTING PROJECT #2: *Concert "Create a Scene"*
PRACTICAL ASSIGNMENT #3: *Textures and Projections DUE*
- A Doll's House Part 2*
February 22nd – 26th @ 7:30 pm
February 27th @ 3:00 pm

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- WEEK 8:** Light Plot and Paperwork Review Pt. 2
Practicals Pt. 1 (type, use, and setup)
LIGHTING PROJECT #2: Concert "Create a Scene" DUE
QUIZ #3 (D2L)
PRACTICAL ASSIGNMENT #4: Vectorworks pt. 2
- WEEK 9:** Corporate Lighting
Practicals Pt. 2 (type, use, and setup)
LIGHTING PROJECT #3: Corporate "Create a Scene"
Mid-Term Exam (D2L)
PRACTICAL ASSIGNMENT #4: Vectorworks pt. 2 DUE
- WEEK 10:** NO CLASS!!! SPRING BREAK!!!
- WEEK 11:** Putting the Lighting Design Together
Research
LIGHTING PROJECT #3: Corporate "Create a Scene" DUE
PRACTICAL ASSIGNMENT #5: The Complete Package
- WEEK 12:** Architectural Lighting
Rehearsal and Performance
Listening to the Director and the Other Designers
LIGHTING PROJECT #4: Architectural "Create a Scene"
QUIZ #4 (D2L)
PRACTICAL ASSIGNMENT #5: The Complete Package DUE
- WEEK 13:** Using Moving Lights and Intelligent Instruments: Walk Before You Run
LIGHTING PROJECT #4: Architectural "Create a Scene" DUE
- WEEK 14:** Evoking an Emotional Response
The Psychology of Lighting Design
LIGHTING PROJECT #4: Spooky Lighting "Create a Scene"
- WEEK 15:** Options, Options, Options
LIGHTING PROJECT #4: Spooky Lighting "Create a Scene" DUE
QUIZ #5 (D2L)
- ***
April 19th – 23rd @ 7:30 pm
April 24th @ 3:00 pm
- WEEK 16:** TBA
LIGHTING PROJECT #5: Final Look "Create a Scene"
- WEEK 17:** **LIGHTING PROJECT #5: Final Look "Create a Scene" DUE**
FINAL EXAM: Thursday, May 12th @ 8:00 am – 10:00 am
Final exam will include a final lighting look, as well as an exam on D2L

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