

Course: TA353D: Theatrical Lighting (Cycle 3)
Credit: 3 Semester Hours
Semester: Fall, 2021
Time: 1:00-4:00 Wednesday
Instructor: Kaleb Krahn
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I. DESCRIPTION

This course will cover lighting theory, design, and implementation. The course will have practical application to a Calvary theatrical production in progress during the semester that TA353 is offered so that lighting design, instrument knowledge, and hang and focus will actually be implemented in the production.

II. OBJECTIVES

The student will be able to:

- A. Create a basic lighting design with required paperwork for a production
 - Program Objectives: 1, 2, 3, 6, 7
 - Requirements: A, B, C, F
- B. Analyze a script for design elements
 - Program Objectives: 2, 6, 7
 - Requirements: B, C, D, E, F
- C. Write and record cues for a production
 - Program Objectives: 1, 2, 3, 6, 7
 - Requirements: B, C, E, F
- D. Identify, hang, & focus lights
 - Program Objectives: 3, 6, 7
 - Requirements: A, E, F

III. REQUIREMENTS

- A. Quizzes
- B. Lighting Design packet including:
 - i. Script Analysis
 - ii. Light Key
 - iii. Light Plot
 - iv. Lighting Section
 - v. Compilation of a light rental package
 - vi. Instrument Schedule
 - vii. Electrician's Cue Sheet
- C. Out-of-class preparation of design work
- D. In-class presentation of design work
- E. Work as a group to design a light plot for the Winter Shorts
- F. Work with student directors to design cues and implement them for the Winter Shorts

IV. GRADING

A. Participation	10% (5% in-class / 5% out)
B. Quizzes	15%
C. Lighting Design Packet	30%
D. Lighting Design/Implementation for Winter Shorts	25%
E. Final Exam	20%

V. MATERIALS

- A. *BIBLE* - The Bible is a required textbook in every course at Calvary University. To facilitate academic level study, students are required to use for assignments and research an English translation or version of the Bible based on formal equivalence (meaning that the translation is generally word-for-word from the original languages), including any of the following: New American Standard (NASB, English Standard Version (ESV), New King James (NKJV), or King James (KJV). Other translations and versions based on dynamic equivalence (paraphrases, and thought-for-thought translations like NLT and NIV) may be used as supplemental sources. Please ask the professor if you have questions about a particular translation or version.
- B. *Theatrical Design and Production: An Introduction to Scene Design and Construction, Lighting, Sound, Costume, and Makeup, 8th ed.* By J. Michael Gillette, Publisher: McGraw-Hill.
ISBN 9781259922305. (other editions are acceptable)
Price \$12-\$150
- C. Instructor hand-outs (recommend a binder to keep them)

- D. Other items you will need:
- i. **Mechanical pencils**
 - ii. **An architect's-scale ruler**
 - iii. **Drafting Compass**
 - iv. **Protractor**
 - v. **Sketch book (11x14 recommended)**
 - vi. **Lighting template (will be discussed in class)**
 - vii. ** Tracing paper*

* as needed

VI. TENTATIVE SCHEDULE

	Class Discussion	Assignments Due
WEEK #1	Syllabus, Schedule, & Canvas History of Stage Lighting How we design & the creative process Color & why we mix it	Reading: Chap. 2 & Chap. 6 (all reading from Gillette textbook unless otherwise specified)
WEEK #2	Design Elements & Functions of light Lighting Instruments	Quiz: Design & Color Reading: Chap. 14
WEEK #3	Light Plot & Related Paperwork	Quiz: Lighting Equipment Reading: Chap. 12
WEEK #4	Lighting with Design Light Board Operation	Assignment: Basic light plot Assignment: Basic Instrument Schedule
WEEK #5	Thanksgiving Break	
WEEK #6	Winter Shorts prep	Assignment: Acting Recital Plots & Cue sheets
12/4/21	Winter Shorts	
WEEK #7	Electricity Telling a Story with Lighting Preparing an order, Load-in, and tech week Counterweight rigging systems	Reading: Chap. 13 Assignment: Lighting Packet – Script Analysis
WEEK #8	Projections Final Projects Presentations	Quiz: Electricity Quiz: Projections, practical's, & Tech Week Assignment: Lighting Design Packet

Grading Scale

A = 100-93	B+= 89-87	C+=79-77	D+=69-67	F = ≤59
A-= 92-90	B = 86-83	C = 76-73	D = 66-63	
	B-= 82-80	C-=72-70	D-=62-60	

- **Students with disabilities have the responsibility of informing the Accommodations Support Coordinator (aso@calvary.edu) of any disabling condition that may require support.**
- **The Clark Academic Center (learning@calvary.edu), located in the library building, is dedicated to providing free academic assistance for all students. Student tutors aid with all facets of the writing process, tutor in various subject areas, prepare students for exams and facilitate tests. Please take advantage of this service.**
- **Plagiarism is defined as copying any part of a book or paper without identifying the author. This also includes taking another person's ideas and presenting them as your own.**
- **All class papers must follow the Turabian style according to *A Manual for Writers of Research Papers, Theses, and Dissertations*, 8th edition and the Calvary Style Guide, 2019 update.**
- **Students are expected to attend all scheduled meetings of course. If a student misses more than 1 class his/her grade for the course is lowered by one letter grade. Classes missed due to official school sponsored events or functions are not considered "skipped".**