I. CATALOG INFORMATION

A. Discipline: TECHNICAL THEATRE

B. Subject Code and Number: TTHA M23B

C. Course Title: Lighting Design II

D. Credit Course units:

Units: 3

Lecture Hours per week: 2

Lab Hours per week : 3

Variable Units : No

E. Student Learning Hours:

Lecture Hours:

Classroom hours: 35 - 35

Laboratory/Activity Hours:

Laboratory/Activity Hours 52.5 - 52.5

Total Combined Hours in a 17.5 week term: 87.5 - 87.5

F. Non-Credit Course hours per week

G. May be taken a total of: [X] 1 [ ] 2 [ ] 3 [ ] 4 time(s) for credit

H. Is the course co-designated (same as) another course: No [X] Yes [ ]
If YES, designate course Subject Code & Number:

I. Course Description:

Focuses in greater depth on the design aspect of stage lighting with the primary emphasis being the development of a complete light plot and working schedule for a play in production. Places special emphasis on projections and special effects including the use of a computer for lighting design and light plots in practical application.

J. Entrance Skills

*Prerequisite: No [ ] Yes [X] Course(s)
TTHA M23A

*Corequisite: No [X] Yes [ ] Course(s)

Limitation on Enrollment: No [X] Yes [ ]

Recommended Preparation: No [X] Yes [ ] Course(s)

Other: No [X] Yes [ ]

K. Other Catalog Information:

II. COURSE OBJECTIVES

Upon successful completion of the course, a student will be able to:

		Methods of evaluation will be consistent with, but not limited by, the following types or examples.
1	utilize different types of drawings and paperwork commonly used in theatrical lighting design.	Written/drawn assignments based on appropriate rubric
2	lead crews in the hanging, circuiting, focusing, and operation of theatrical lighting equipment including light board operation.	Demonstration of learned skills and ability to interface with technologies and tools
3	apply the knowledge of lighting theory by working on a performing arts production.	Demonstration of learned skills and ability to interface with technologies and tools
4	develop an advanced understanding and critical eye for composition through practical experience.	Written/drawn assignments based on appropriate rubric
5	demonstrate proficiency with electricity, wiring, and testing equipment.	Demonstration of learned skills and ability to interface with technologies and tools
6	develop a lighting portfolio; may include research, paperwork, drawings and/or photographs of design work.	Written/drawn assignments based on appropriate rubric
7	analyze a play for the purpose of creating a lighting design with a focus on how light can reinforce theme, mood, locale, character and motivation.	Written/drawn assignments based on appropriate rubric
8	attend rehearsals of a production to systematically draw out movement patterns that assist in executing the light plot.	Demonstration of learned skills and ability to interface with technologies and tools

III. COURSE CONTENT

		Learning

Estimated %	Topic	Outcomes
Lecture (must total 100%)		
5.00%	Exploring lighting design as a profession and workplace opportunities	1, 2, 3, 4, 5, 6, 7, 8
10.00%	Design Lighting for Various Spaces: -Backdrops, front cloths, and cycloramas	3, 4, 7
15.00%	Explore Color Theory: - Identifying the connection of color with emotions - Additive and subtractive mixing - Spectral distribution curve - Color manipulation	3, 4, 5, 6, 7
10.00%	Explore Electrical Theory and Practices: - Instrument wiring, hanging and focusing Effects: - Interiors, exteriors, moonlight - Lighting for a specific play assignment	3, 7, 8
15.00%	Drawing objects in nature and household objects, using a defined light source	3, 4, 5
10.00%	Color Wheel Lab: - Determining light color choices for use on an interior box set	4, 5, 6
10.00%	Understanding Rehearsal and Performance Procedures: - Practical in memory control system, patch panel, remote control	2, 7, 8
10.00%	Demonstrate Lighting Design for Dance and/or Other Performances - Photograph lighting of two shows for evaluation of light source, color, etc.	3, 4, 5, 6
15.00%	Completing Lighting Design Paperwork: - Theories and criteria for selecting instruments - Effects and color media for a production	1, 2, 3, 4, 5, 6, 7
Lab (must total 100%)		
20.00%	Organize and performing the duties of master electrician or assistant lighting designer for a departmental production: - May include effects machines, gobos, special materials	1, 2, 8
20.00%	Design and execute the lighting for either a one-act play or one dance piece	1, 2, 3, 8
20.00%	Operate the light board for a main stage production (Theatre or Dance) or Studio Theatre production (One-Act)	2, 3, 8
20.00%	Create paperwork for a design: - Light plot, instrument schedule, sample cue sheet	1, 2, 3, 4, 5, 6, 7, 8
10.00%	Lead crews in hanging, focusing and circuiting of lighting equipment for departmental productions	1, 3, 4, 5, 6
10.00%	Design practical projects that utilize knowledge of the qualities of light, color theory, and composition	1, 3, 4, 6

IV. TYPICAL ASSIGNMENTS

A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:	
1	research and write a paper on the specific lighting requirements for a play.
2	create lighting documentation including queue sheets, instrument schedules and plots.

3	draft detailed instrument schedules with smoke or hazer effects.

B. Appropriate outside assignments

Appropriate outside assignments are required. Possible assignments may include, but are not limited to:	
1	analysis of the lighting utilized at a dance concert.
2	analysis of the lighting utilized at a musical concert.
3	written evaluations of observed lighting practices.
4	journal of the daily progress of the light plots demonstrated.

C. Critical thinking assignments

Critical thinking assignments are required. Possible assignments may include, but are not limited to:	
1	determine appropriate effects for a given production.
2	choose colors choices appropriate for theme or narrative of a play.
3	coordinate lights with scenic and wardrobe elements.

V. METHODS OF INSTRUCTION

Methods of instruction may include, but are not limited to:

☐ Distance Education – When any portion of class contact hours is replaced by distance education delivery mode (Complete DE Addendum, Section XV)

☒ Lecture/Discussion

☒ Laboratory/Activity

☒ Other (Specify)
Demonstration of light board operation, hands-on practical experience with light and fog effects.

☒ Optional Field Trips

☐ Required Field Trips

VI. METHODS OF EVALUATION

Methods of evaluation may include, but are not limited to:

☒ Essay Exam	☒ Classroom Discussion	☒ Skill Demonstration
☒ Problem Solving Exam	☒ Reports/Papers/ Journals	☒ Participation
☒ Objective Exams	☒ Projects	☒ Other (specify)

Renderings, Light plots, supervised lab assignments.

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS

Essig, Linda, and Jennifer Setlow. Lighting and the Design Idea. 3rd ed. Wadsworth, 2012.

Shelley, Steven Louis. A Practical Guide to Stage Lighting. 3rd ed. Routledge, 2013.

Wolf, R. Craig, and Dick Block. Scene Design and Lighting. 10th ed. Cengage, 2013.

Mort, Skip. Stage Lighting: The Technicians' Guide: An On-the-Job Reference Tool with Online Video Resources. 2nd ed. Methuen Drama, 2015.

Kaluta, John. The Perfect Stage Crew: The Complete Technical Guide for High School, College, and Community Theater. 2nd ed. Allworth, 2016.

VIII. STUDENT MATERIALS FEES

[X] No [ ] Yes

IX. PARALLEL COURSES

College	*Course Number*	*Course Title*	*Units*
Fullerton College	THEA 244F	Intermediate Lighting	3
Ohlone College	TD 172	Intermediate Lighting for Stage, Television and Events	3
Sequoias College	DRAM 16	Intermediate Stage Lighting	3
West Valley College	THEAR 18B	Intermediate Stage Lighting	3
West Valley College	THEAR 18B	Intermediate Stage Lighting	3

X. MINIMUM QUALIFICATIONS

Courses in Disciplines in which Masters Degrees are not expected:
Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

XI. ARTICULATION INFORMATION

A. Title V Course Classification:

1. This course is designed to be taken either:

   [ ] Pass/No Pass only (no letter grade possible); or
   [X] Letter grade (P/NP possible at student option)

2. Degree status:
   Either [X] Associate Degree Applicable; or [ ] Non-associate Degree Applicable

B. Moorpark College General Education:

1. Do you recommend this course for inclusion on the Associate Degree General Education list?
   Yes: [ ] No: [X] If YES, what section(s)?

   [ ] A1 - Natural Sciences - Biological Science
   [ ] A2 - Natural Sciences - Physical Science
   [ ] B1 - Social and Behavioral Sciences - American History/Institutions
   [ ] B2 - Social and Behavioral Sciences - Other Social Behavioral Science
   [ ] C1 - Humanities - Fine or Performing Arts

☐ C2 - Humanities - Other Humanities
☐ D1 - Language and Rationality - English Composition
☐ D2 - Language and Rationality - Communication and Analytical Thinking
☐ E1 - Health/Physical Education
☐ E2 - PE or Dance
☐ F - Ethnic/Gender Studies

C. California State University(CSU) Articulation:

1. Do you recommend this course for transfer credit to CSU? Yes: ☒ No: ☐

2. If YES do you recommend this course for inclusion on the CSU General Education list?
Yes: ☐ No: ☒ If YES, which area(s)?

A1 ☐ A2 ☐ A3 ☐ B1 ☐ B2 ☐ B3 ☐ B4 ☐

C1 ☐ C2 ☐ D1 ☐ D2 ☐ D3 ☐ D4 ☐ D5 ☐

D6 ☐ D7 ☐ D8 ☐ D9 ☐ D10 ☐ E ☐

D. University of California (UC) Articulation:

1. Do you recommend this course for transfer to the UC? Yes: ☒ No: ☐

2. If YES do you recommend this course for the Intersegmental General Education Transfer Curriculum (IGETC)? Yes: ☐ No: ☒

IGETC Area 1: English Communication

☐ English Composition
☐ Critical Thinking-English Composition
☐ Oral Communication

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

☐ Mathematical Concepts

IGETC Area 3: Arts and Humanities

☐ Arts
☐ Humanities

IGETC Area 4: Social and Behavioral Sciences

☐ Anthropology and Archaeology
☐ Economics
☐ Ethnic Studies
☐ Gender Studies
☐ Geography

- [ ] History
- [ ] Interdisciplinary, Social & Behavioral Sciences
- [ ] Political Science, Government & Legal Institutions
- [ ] Psychology
- [ ] Sociology & Criminology

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

- [ ] Physical Science Lab or Physical Science Lab only (none-sequence)
- [ ] Physical Science Lecture only (non-sequence)
- [ ] Biological Science
- [ ] Physical Science Courses
- [ ] Physical Science Lab or Biological Science Lab Only (non-sequence)
- [ ] Biological Science Courses
- [ ] Biological Science Lab course
- [ ] First Science course in a Special sequence
- [ ] Second Science course in a Special Sequence
- [ ] Laboratory Activity
- [ ] Physical Sciences

IGETC Area 6: Language other than English

- [ ] Languages other than English (UC Requirement Only)
- [ ] U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)
- [ ] U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)

XII. REVIEW OF LIBRARY RESOURCES

A. What planned assignment(s) will require library resources and use?

The following assignments require library resources:
Depending on the semester's performances, locate the appropriate plays and background information and conduct research using the Library's print and online resources, including the Library's special Theatre Arts collection of scripts.

B. Are the currently held library resources sufficient to support the course assignment?

YES: [X] NO: [ ]

If NO, please list additional library resources needed to support this course.

XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION

Requisite Justification for TTHA M23A

[X] A. Sequential course within a discipline.

1. describe historic lighting practices and techniques.

2. recognize and explain the different types of drawings and paperwork commonly used in theatrical lighting design; be able to create basic paperwork for a simple unit set.

3. understand the basic principles of electricity and utilize electrical safety practices.

4. demonstrate practical skills in the hanging, circuiting, focusing, and operation of theatrical lighting equipment including light board operation.

5. apply the controllable qualities of theatrical lighting in creating a design composition, (distribution, color, intensity, and movement).

6. identify, define, and describe terminology commonly associated with theatrical lighting design and execution.

7. demonstrate an understanding of the function and application of various theatrical lighting instruments.

8. demonstrate an understanding of style, color, texture, angle and mood as they relate to theatrical lighting design.

☐ B. Standard Prerequisite or Corequisite required by universities.

☐ C. Corequisite is linked to companion lecture course.

☐ D. Prerequisite or Corequisite is authorized by legal statute or regulation.
Code Section: _____

☐ E. Prerequisite or Corequisite is necessary to protect the students' health and safety.

☐ F. Computation or communication skill is needed.

☐ G. Performance courses: Audition, portfolio, tryouts, etc. needed.

XIV. WORKPLACE PREPARATION

Required for career technical courses only. A career technical course/program is one with the primary goal to prepare students for employment immediately upon course/program completion, and/or upgrading employment skills.

Detail how the course meets the Secretary of Labors Commission on the Achievement of Necessary Skills (SCANS) areas. (For a description of the competencies and skills with a listing of what students should be able to do, go to: http://www.ncrel.org/sdrs/areas/issues/methods/assment/as7scans.htm)

The course will address the SCANS competency areas:

1. Resources: the students will create lighting schedules and light plots that will maximize technical and consumable resources.

2. Interpersonal: the students will have experience collaborating with instructor, directors, crew members and peers in hanging, focusing and operating lighting for the stage.

3. Information: the students will develop a working knowledge of lighting designs, the use and manipulation of color, and light board operations.

4. Systems: the students will understand the multi-tiered process involved in lighting a play from pre-production to final production.

5. Technology: the students will have hands-on practical experience working with theatrical lighting instruments and light board operation.

The course also addresses the SCANS skills and personal qualities:

1. Basic Skills: the students will be required to write instrument schedules and light plots and communicate designs to a director and/or crew.

2. Thinking Skills: the students will be working using critical thinking skills as they translate the concepts/themes of a play into a lighting design that embraces mood, tone and theme.

3. Personal Qualities: the students will be interfacing with other students in a leadership role and will be responsible for the lighting design of a play.

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

TTHA M23B: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

TTHA M23B: Not Applicable

XVII. STUDENT MATERIALS FEE ADDENDUM

TTHA M23B: Not Applicable

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041

TTHA M23B: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:

Discipline: TECHNICAL THEATRE

Discipline Code and Number: TTHA M23B

Course Revision Category: Outline Update

Course Proposed By:

Originating Faculty John Loprieno 12/29/2017

Faculty Peer: Suzanne Fagan 01/01/2018

Curriculum Rep: Robert Salas 01/30/2018

Department Chair: John Loprieno 01/17/2018

Division Dean: Jennifer Goetz 01/24/2018

Approved By:

Curriculum Chair: Jerry Mansfield 03/12/2019

Executive Vice President: _____

Articulation Officer: _____

Librarian: Mary LaBarge 02/18/2019

Implementation Term and Year: Fall 2019

Approval Dates:

Approved by Moorpark College Curriculum Committee: 03/05/2019

Approved by Board of Trustees (if applicable): _____

Approved by State (if applicable): 03/13/2019