

Syllabus for
MUS 165 - Lights/Projection for Music
2 Credit Hours
Spring 2024

I. COURSE DESCRIPTION

An introductory study of concepts, design principles, and practical techniques for lighting and visual projections used during musical events. Includes training in the appropriate use of related software and hardware. Lectures are supplemented with and supported by practical, hands-on application.

Prerequisite: MUS 105 or equivalent.

Instrument Use Fee: \$55

II. STUDENT LEARNING OUTCOMES FOR THIS COURSE

After completing this course successfully, students will be able to:

- A. Discuss the purposes of lights and projections in music events.
- B. Design lights and projections aesthetically appropriate to the music they serve.
- C. Operate software and hardware systems used in presenting lights and projections.

III. ASSOCIATED PROGRAMS

This course meets degree completion requirements for the following programs:

- A. Worship Arts
- B. Music Production

IV. UNIVERSITY OUTCOMES

This course aligns with the following University Outcomes as indicated on the last page:

- A. Spiritual Integrity
- B. Personal Resilience
- C. Intellectual Pursuit
- D. Global Engagement
- E. Bold Vision

V. TEXTBOOKS AND OTHER LEARNING RESOURCES

- A. Required Materials: No textbook required
- B. Optional Materials
Personal computer running either macOS 10.14.6 or newer or Windows 10 x64

VI. POLICIES AND PROCEDURES

- A. School and/or Department Policies and Procedures – See Music Department Student Handbook
- B. Course Policies and Procedures
 - 1. Evaluation
 - a. Attendance 50%
 - b. D2L Discussion Posts 10%
 - c. Unit Exams (2) 20%
 - d. Final Presentation Projects 20%

VII. COURSE CALENDAR

- Week 1. Introduction to Church Production – Chapel Tech Tour
- Week 2. Lighting concepts: functions, roles, and equipment.
- Week 3. Lighting design: principles and practice.
- Week 4. Lighting technique: hardware and software applications.
- Week 5. Projection concepts: functions, roles, and equipment.
- Week 6. Projection design: principles and practice.
- Week 7. Projection technique: hardware and software applications.
- Week 8. **Midterm Exam: Lighting and Video Projection**
- [Spring Break]
- Week 9. Lights with Music: Design for Final Project
- Week 10. Projection with Music: Design for Final Project
- Week 11. Lights and Projection with Music: Rough Project Presentations
- Week 12. Lights and Projection with Music: Workshopping Presentations
- Week 13. Lights and Projection with Music: Final Project Presentation
- Week 14. Lights and Projection with Music: Final Project Presentation
- Week 15. **Final Exam: Lights & Projections for Music**

Program Outcome Alignment: MUSIC PRODUCTION

This program contributes to the University outcomes as indicated below:

Significant Contribution – Addresses the outcome directly and includes targeted assessment.

Moderate Contribution – Addresses the outcome directly or indirectly and includes some assessment.

Minimal Contribution – Addresses the outcome indirectly and includes little or no assessment.

No Contribution – Does not address the outcome.

Program Outcome alignment with University Outcomes		Significant	Moderate	Minimal	None
Spiritual Integrity					
Outcome 1	Students will apply a Biblical and Christian Worldview when creating, performing, teaching, worshiping, and analyzing a variety of styles of music.		X		
Personal Resilience					
Outcome 2	Students will demonstrate active engagement and self-motivation in the preparation for recitals, classroom teaching, worship sets, research, audio projects, and presentations in music.	X			
Intellectual Pursuit					
Outcome 3 NASM 8.B.2.a-b	Students will develop the technical performance skills for artistic expression in at least one major performance area at a level appropriate for the major or concentration.				X
Outcome 4 NASM 8.B.1.c	Students will develop ability to ready at sight with fluency in their major performance area relevant to professional standards for the music program.				X
Outcome 5 NASM 8.B.2.a	Students will develop aural skills to identify intervals, melodic structures, chord qualities, and harmonic progressions.				X
Outcome 6 NASM 8.B.2.a	Students will demonstrate an understanding of the theory, harmonic progressions, and forms of a variety of styles of music when studying, listening, performing, and teaching music.				X
Outcome 7 NASM 8.B.4	Students will acquire and develop the basic knowledge of music history and repertoire through the present time for a variety Western music cultures and styles.				X
Outcome 10	Students will record and engineer a final mix of a musical composition or arrangement for distribution or presentation.			X	
Global Engagement					
Outcome 8	Students will engage and analyze music from a wide variety of musical periods including Western and non-Western musical traditions (and worship).				X
Bold Vision					
Outcome 9 NASM 8.B.1.f	Students will demonstrate vision, leadership, and artistry in performance or planning through expression in phrasing, dynamics, articulations, and accepted practice for musical works in a variety of settings including the stage, classroom, therapeutic settings, and worship services.	X			

