

Course Syllabus

MUSC 2403 (4:3:4)

Live Sound II

Live Sound/Sound Reinforcement Certificate

Sound Technology Program

Technical Education Division

Levelland Campus

South Plains College

Fall 2023/Spring 2024

Creative Arts Department - South Plains College - Levelland Campus

Course Syllabus

**Course Title:** *MUSC 2403 Live Sound II (4:3:4)*

**Instructor:** *Jeremiah Denning*

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**Office Hours:** *As posted on instructor's door*

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**I. General Course Information:**

MUSC 2403 Live Sound II will be taught as a Flex course. We will be meeting face to face for lecture/lab time. This will be supplemented with several online learning tools including, lecture notes, and video demonstrations.

- A. Description: Overview of stage monitor systems. Includes monitor systems set-up and operation and stage management. Also covers interactivity between sound management, performance quality, and audience experience. Emphasis will be placed on microphone choice/placement, feedback control and ear training. Students will apply these concepts while mixing monitors for designated performances.
- B. Course Learning Outcomes: Analyze causes and prevention of feedback; utilize monitor consoles; select and place microphones and monitors; and utilize equalization and signal processing for monitoring systems.
- C. Course Competencies: Create and maintain multiple professional level monitor mixes for performances. Stage setup and management. How to deal well with the artists. Advanced monitor systems signal flow.
- D. Academic Integrity: It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension. Students should refer to the SPC General Catalog, regarding consequences for cheating and plagiarism (see "Academic Integrity" as well as "Student Conduct" sections).
- E. SCANS: This course is designed to meet the following SCANS and Foundation skills criteria: C1, C3, C4, C6, C7, C9, C11, C12, C13, C14, C15, C16, C19, C20, F5, F6, F8, F9, F13, F15, F16, and F17. A complete list of SCANS Competencies and Foundation Skills are located on the last page of the syllabus.
- F. Verification: This course is a building block for the student to move towards and complete a capstone experience.

## II. **Specific Course/Instructor Requirements:**

- A. Textbook and Other Materials: Ear training software as specified by instructor. Handouts and other resources will be provided by instructor as needed.
- B. Attendance Policy: Punctual and regular attendance is expected of all students. Students are responsible for all missed material. If a student is absent on a day that an assignment/assessment is given, **the student will not be allowed to make up the assignment/assessment unless the absence is an excused absence.** Passwords for the assignment/assessments will not be given if the absence is unexcused. For an absence to qualify as excused the student must contact the instructor via email prior to the class meeting and provide their reason for not attending. Based on the reason given by the student, the instructor will determine if the absence qualifies as excused or unexcused. Any student not present at roll taking will be given an unexcused absence unless the student has provided prior notification. There will be a daily attendance grade that will average and count as 20% of your final grade. Tardiness and unexcused absences will result in a 0 for the daily attendance grade. Attendance will be taken at the beginning of class.
- C. Assignment/Assessment Policy: Assignments/assessments will be announced during class. Students will be given a password to access the assignment/assessment via Blackboard. Due dates will be provided.
- D. Grading Policy/Procedure: The student's final grade will be made up of a weighted average of at least one written test (10%), quiz average (10%), mixing assignments (10%), lab assignments (10%), attendance (20%), and course competencies (40%). A list of the required course competencies will be attached to this syllabus. Each competency is worth 10 points; however a student must achieve at least 7 out of the 10 points in every competency to complete the competency requirement. Non completion of the competencies equals a 0% for the competency portion of the student's grade. Grading format: A= 90-100%, B= 80-89%, C= 70-79%, D= 60-69%, F= 0-59%
- E. Special Requirements: MUSC 1405 is a prerequisite/co requisite. Students will be responsible for arranged lab activities and mixing monitors for designated events.

## III. **Course Outline:**

### *Topic Outline:*

Monitor system orientation  
Monitor console orientation and operation  
Stage setup and related topics  
Basic Mixing Techniques  
Equalization  
Sound check procedures  
Dynamic and effects processing at monitor world  
Maximizing gain before feedback  
Industry Standard Microphones  
Artist psychology  
Advanced monitor systems  
Mixing practice

***Instructor reserves the right to modify this at anytime.***

#### IV. **Accommodations**

<https://www.southplainscollege.edu/syllabusstatements/>

#### V. **Course Competencies**

1	Can Turn on/off monitor world correctly
2	Make an industry standard stage plot and input list
3	Understands stage directions
4	Can wire and patch a stage using sub snakes
5	Understanding of monitor systems signal flow
6	Can identify industry standard wedge mix positions
7	Understands necessity of system equalizer on each mix
8	Can patch and explain inserted mix equalizers
9	Can utilize cue system
10	Can utilize scene section
11	Can utilize control groups (VCA, Mute)
12	Bring an input into a mix while using appropriate gain structure
13	Understands input section of an industry standard console (pad/digital trim, preamp, polarity reverse, phantom)
14	Understands equalizer section & HPF of an industry standard console
15	Understands aux sends including aux masters (pre & post fader)
16	Can patch / apply a compressor and gate
17	Can patch / apply an FX processor
18	Demonstrate how to prepare monitor systems / stage for artists arrival
19	Demonstrate proper sound check procedures
20	Communicate roles and responsibilities of a professional monitor engineer
21	Must be able to identify 7 out of 10 ISO frequencies
22	Can identify and describe* 20 industry standard microphones/direct boxes
	*Make, Model, Element type and Polar pattern
23	Demonstrate understanding of micing techniques for common instruments
24	List 3 appropriate microphones and or di's for each input
25	Demonstrate ability to use industry standard console management software
	<b>25 Competencies</b>