

Course Syllabus

MUSC 1405 (4:3:4)

Live Sound I

Sound Technology Program

Technical Education Division

Levelland Campus

South Plains College

Creative Arts Department - South Plains College - Levelland Campus

Course Syllabus

Course Title: *MUSC 1405 Live Sound I (4:3:4)*

Instructor: *Matt Quick*

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

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I. General Course Information:

- A. Description: An overview of the field of live sound. Includes principles of live sound and the theory and interconnection of the components of a sound reinforcement system. It is also the prerequisite for MUSC 2403 and all other Sound Reinforcement Certificate classes.
- B. End of Course Outcomes: Describe signal flow in sound reinforcement set-up; and explain the function, characteristics, and specifications of the components of a sound reinforcement system. Demonstrate competency in the set up of basic sound reinforcement systems.
- C. Course Competencies: Upon completion of this course, each student will have demonstrated through comprehensive examinations, with a score of 60% or better, a competent understanding of: basic sound system setup and operation, microphone choice and placement, a broad exposure to industry standards of equipment, and proper maintenance of a sound system.
- 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, pg.22-23, 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: C3, C6, C9, C13, C15, C17, C18, C19, F2, F5, F6, F9, F11, F15, and F16. A complete list of SCANS Competencies and Foundation Skills are located on the last page of the syllabus.
- F. Verification: This course is a fundamental building block for the student to move toward a capstone experience.

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

- A. Textbook and Other Materials: Sound Reinforcement Handbook by Gary Davis and Ralph Jones. Additional Handouts provided by instructor as needed.
- B. Attendance Policy: Punctual and regular attendance is required of all students. Missing four consecutive classes or having a total of five absences *may* result in an instructor-initiated withdrawal. Students are responsible for all missed material. If a student is absent on a day that a test is given, **he or she will not be allowed to make up the test unless arrangements are made prior to the test day.** Any student not present at roll taking will be counted absent unless prior arrangements have been made.
- C. Assignment Policy: Projects and reading assignments will be announced at least one class meeting prior to responsibility for material.
- D. Grading Policy/Procedure: At least two tests, a hands on test, a daily quiz average and the written final will account for 80% of the final average. The remaining 20% of the final grade will be based on each student's attitude and participation. Grading format: A= 90-100%, B= 80-89%, C= 70-79%, D= 60-69%, F= 0-59%
- E. Special Requirements: There are no specific entry-level standards for this course. Students will be responsible for arranged lab activities throughout the semester.

III. **Course Outline:**

Topic Outline:

- Sec. 1 What is a sound system?
- Sec. 2 Frequency Response
- Sec. 3 Decibel, Sound Level, and related items
- Basic Electricity

TEST

- Sec. 10 Microphones
- Sec. 12 Power amplifiers
- Sec. 13 Loudspeakers

TEST

- Sec. 11 Consoles/mixers
- Sec. 15 Cabling
- Prepare for hands on test

HANDS ON TEST

Review for final

Final Exam

Instructor reserves the right to modify this at anytime.

IV. **Accommodations**

Diversity Statement In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disability Statement Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Special Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Special Services Coordinator. For more information, call or visit the Special Services Office in the Student Services building, 894-9611 ext. 2529.