SYLLABUS

DATE OF LAST REVIEW: 02/11/2013

CIP CODE: 10.0203

SEMESTER: Departmental Syllabus

COURSE TITLE: Live Sound Reinforcement 1

COURSE NUMBER: AUDI0150

CREDIT HOURS: 1

INSTRUCTOR: Departmental Syllabus

OFFICE LOCATION: Departmental Syllabus

OFFICE HOURS: Departmental Syllabus

TELEPHONE: Departmental Syllabus

EMAIL: Departmental Syllabus

KCKCC issued email accounts are the official means for electronically communicating with our students.

PREREQUISITE(S): None.

REQUIRED TEXT AND MATERIALS:
Please check with the KCKCC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION:
This course will familiarize students with the equipment that forms a professional live sound system. Students will set up and operate this equipment at the front-of-house mixing position. Students will learn how to identify and correct technical and aural problems. Students will learn how to communicate and discuss system requirements and demands.

METHOD OF INSTRUCTION:
A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:
I. Equipment theory and practice
   A. microphones and live sound microphone techniques
   B. equipment standards
   C. the live sound mixing board and mixing techniques
   D. audio processing, dynamics, effects, crossovers, delays

II. The Front-of-House System
   A. Setting up and operating FOH mixing equipment
   B. Powered, full-range, bi and tri-amplified systems
   C. Setting up and operating loudspeaker systems

III. The Monitor System
   A. Setting up the equipment
   B. Full range and bi-amplified systems
   C. Tuning/EQ-ing the system
   D. Monitor mixing techniques

IV. Paperwork
   A. Stage plots
   B. Input lists
   C. Contracts and Riders

EXPECTED LEARNER OUTCOMES:
   A. The learner will be able to set up a live sound system, including front of house and monitors.
   B. The learner will understand the components of a live sound system and how they function together.
   C. The learner will be able to set up the “stage” aspects of a sound system, including microphones.
   D. The learner will be able to read and create stage plots, input lists, and contract riders.

COURSE COMPETENCIES:

The learner will be able to set up a live sound system, including front of house and monitors.
1. The learner will know how to set up the components of a live sound system.
2. The learner will know how to set up the components of a live sound monitor system.

The learner will understand the components of a live sound system and how they function together.
3. The learner will understand, and be able to discuss the function of each component in a live sound system.
4. The learner will know how each component interacts, and understand the signal flow of a live sound system.
5. The learner will be able to optimize the operation of each component.
6. The learner will be able to troubleshoot problems in a live sound system.
The learner will be able to set up the “stage” aspects of a sound system, including microphones.

7. The learner will understand, and be able to discuss different types of microphones.
8. The learner will understand live sound microphone techniques, and be able to set up microphones on stage.
9. The learner will be able to set up monitors correctly on stage.
10. The learner will be able to set up backline equipment on stage.

The learner will be able to read and create stage plots, input lists, and contract riders.

11. The learner will be able to discuss, interpret and set up equipment based on stage plots.
12. The learner will be able to discuss, interpret and set up equipment based on input lists.
13. The learner will be able to discuss and interpret contract riders and set up equipment to contract rider specifications.

ASSESSMENT OF LEARNER OUTCOMES:
The methods of assessment will include, but not be limited to, homework assignments on music and non-music software to be done on the computer; Internet assignments; written exams; and final projects.

SPECIAL NOTES:
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

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