SYLLABUS

DATE OF LAST REVIEW: 02/11/2013
CIP CODE: 10.0203
SEMESTER: Departmental Syllabus
COURSE TITLE: Live Sound Reinforcement 2
COURSE NUMBER: AUDI0151
CREDIT HOURS: 1
INSTRUCTOR: Departmental Syllabus
OFFICE LOCATION: Departmental Syllabus
OFFICE HOURS: Departmental Syllabus
TELEPHONE: Departmental Syllabus
EMAIL: KCKCC issued email accounts are the official means for electronically communicating with our students.

PREREQUISITE(S): AUDI0157 with a grade C or above.

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 further familiarize students with the equipment that forms a professional live sound system, with a focus on dedicated monitor systems, wiring and soldering techniques, and sound reinforcement applications in the concert and theater setting. Students will set up and operate the equipment at the monitor mix 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. The Monitor System
   A. Setting up and operating monitor mixing equipment
   B. Setting up and operating monitor drive and processing equipment
   C. Powered, full-range, bi and tri-amplified systems
   D. Tuning the monitor system

II. Wiring
   A. Balanced vs. Unbalanced
   B. Wiring different cables
   C. Soldering techniques

III. Split-snakes
   A. Simultaneous FOH/Monitor operation
   B. Live multi-track recording
   C. Mixing practice

IV. Theater Sound Reinforcement
   A. Visual considerations
   B. Wireless microphone systems

V. Aural skills
   A. Dynamic, time domain, and frequency content

EXPECTED LEARNER OUTCOMES:
   A. The learner will be able to set up and operate a dedicated monitor system.
   B. The learner will understand and wiring standards, and be able to solder cables and plugs.
   C. The learner will understand how split snakes allow the operation of multiple mixing consoles.
   D. The learner will understand and have experienced theater and wireless microphone systems.
   E. The learner will develop aural skills.

COURSE COMPETENCIES:

The learner will be able to set up and operate a dedicated monitor system.
1. The learner will know how to set up, and operate the components of a monitor system.
2. The learner will know how to set up the drive and processing components of a monitor system.
3. The learner will understand and be able to set up powered, passive, full-range, bi-amplified, and tri-amplified monitor systems.
4. The learner will be able to tune and EQ the monitor system.

The learner will understand and wiring standards, and be able to solder cables and plugs.
5. The learner will understand, balanced and unbalanced wiring protocols.
6. The learner will be able to correctly wire different cables and connectors.
7. The learner will understand correct soldering technique.

_The learner will understand how split snakes allow the operation of multiple mixing consoles._

8. The learner will understand and be able to set-up and operate FOH and monitor mixers.

9. The learner will be able to multi-track record a live event.

10. The learner will demonstrate proficiency at mixing both FOH and monitors.

_The learner will understand and have experienced theater and wireless microphone systems._

11. The learner will be able to set up and use wireless microphone systems.

12. The learner will demonstrate understanding of and being able to work to theater visual constraints.

_The learner will develop aural skills._

13. The learner will develop skills that will help identify dynamic, time domain, and frequency content issues that may arise in the field.

**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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