SYLLABUS

DATE OF LAST REVIEW: 02/11/2013
CIP CODE: 10.0203
SEMESTER: DEPARTMENTAL SYLLABUS
COURSE TITLE: Audio Engineering Portfolio 1
COURSE NUMBER: AUDI0280
CREDIT HOURS: 1
INSTRUCTOR: DEPARTMENTAL SYLLABUS
OFFICE LOCATION: DEPARTMENTAL SYLLABUS
OFFICE HOURS: DEPARTMENTAL SYLLABUS
TELEPHONE: DEPARTMENTAL SYLLABUS
EMAIL ADDRESS: KCKCC issued email accounts are the official means for electronically communicating with our students.

PREREQUISITE(S): AUDI0270 Advanced Recording Techniques II with a grade C or above. AUDI 0281 is a CO-REQUISITE requirement.

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 allow further exploration and development of the skills acquired in AUDI 260 and AUDI 270. The student will use industry specific computer based digital audio workstation systems (DAWs) and moving fader control surfaces to produce stereo and surround-sound projects. The professional workplace and how to adjust to it will be discussed and experientially practiced. The student will be required to produce a professional and well presented portfolio of recorded work, which may include (but is not limited to); music mixes, dramatic productions, library of sound effects, library of ambiances, audio for picture projects.

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, and panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.
COURSE OUTLINE:
I. Advanced techniques in music recording and mixing
   A. Recording techniques for multi-channel surround sound
   B. Multi-channel surround sound mixing techniques
   C. Post-production techniques for multi-channel surround sound
II. Audio for picture
   A. Mixing for music to picture
   B. Constraints imposed by the picture
III. The professional workplace
   A. Working to time/budget limitations
   B. Session organization
IV. Producing a well presented portfolio
   A. Mastering and editing
   B. Duplication/replication
   C. Designing accompanying documentation

EXPECTED LEARNER OUTCOMES:
A. The learner will be able to discuss and use all equipment in our studio to record and mix audio and audio-visual productions.
B. The learner will become experienced at authoring audio projects that accompany video content.
C. The learner will understand all aspects of producing a distributable multi-channel surround sound product, from the recording session, through mixing, mastering, and encoding dissemination formats.
D. The learner will be able to transition to the professional workplace.

COURSE COMPETENCIES:

The learner will be able to discuss and use all equipment in our studio to produce audio and audio-visual productions.
1. The learner will understand and use surround sound hardware mixing console features.
2. The learner will be proficient at using computer based DAWs to mix material in surround sound formats.
3. The learner will be able to combine all the hardware and software technologies in the studio as appropriate to gain the benefits of each in a given project.
4. The learner will be able to explain and justify the use of specific industry standard equipment in projects.

The learner will become experienced at authoring audio projects that accompany video content.
5. The learner will become experienced at mixing and mastering audio in surround sound using various specialist industry standard DAW software packages.
6. The learner will become experienced at encoding surround sound dissemination files and authoring reference discs.
The learner will understand all aspects of producing a distributable multi-channel surround sound product, from the recording session, through mixing, mastering, duplication/replication, and dissemination.

7. The learner will mix multiple projects using multiple DAW software packages.
8. The learner will be able to discuss the mastering process.
9. The learner will encode projects to allow dissemination on various consumer formats.
10. The learner will author encoded and raw projects to various consumer dissemination formats.

The learner will be able to transition to the professional workplace.

11. The learner will be able to work under the time and budget constraints imposed by the professional workplace.
12. The learner will be able to discuss and prepare sessions and session notes appropriately.

ASSESSMENT OF LEARNER OUTCOMES:
Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:

This syllabus is subject to change at the discretion of the instructor. (The previous sentence does not refer to the generic syllabus format). 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.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center at 913-288-7670.