COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Audio Engineering Portfolio 1
COURSE NUMBER	AUDI 0280
DIVISION	Arts, Communications, and Humanities
DEPARTMENT	AUDI
CIP CODE	10.0203
CREDIT HOURS	1.00

CONTACT HOURS/WEEK Class: X Lab: X Clinical: X

PREREQUISITES AUDI 0270 Advanced Recording Techniques II with a grade C or above. AUDI 0281 is a CO-REQUISITE requirement.

COURSE PLACEMENT Students must meet the correct placement measure for this course. Information may be found at: https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html

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.

KANSAS SYSTEMWIDE TRANSFER: AUDI0280

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents.

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit: https://kansasregents.org/workforce_development/program-alignment

General Education Learning Outcome
☐ Basic Skills for Communication
☐ Mathematics
☐ Humanities
☐ Natural and Physical Sciences
☐ Social and Behavioral Sciences

Institutional Learning Outcomes
☐ Communication
☐ Computation and Financial Literacy
☐ Critical Reasoning
☐ Technology and Information Literacy
☐ Community and Civic Responsibility
☐ Personal and Interpersonal Skills

TEXTBOOKS

http://kckccbookstore.com/

METHODS 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. 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

COURSE LEARNING OUTCOMES AND COMPETENCIES
Upon successful completion of this course, the student will:
  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 COURSE LEARNING OUTCOMES AND COMPETENCIES
Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES
Student Handbook
https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf

College Catalog
https://www.kckcc.edu/academics/catalog/index.html

College Policies and Statements
https://www.kckcc.edu/about/policies-statements/index.html

Accessibility and Accommodations
https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html.