<table>
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<th>SYLLABUS</th>
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<tr>
<td>DATE OF LAST REVIEW: 02/11/2013</td>
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<tr>
<td>CIP CODE: 10.0203</td>
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<tr>
<td>SEMESTER: DEPARTMENTAL SYLLABUS</td>
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<tr>
<td>COURSE TITLE: Audio Engineering Music Skills</td>
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<td>COURSE NUMBER: AUDI0101</td>
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<td>CREDIT HOURS: 4</td>
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<td>INSTRUCTOR: DEPARTMENTAL SYLLABUS</td>
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<td>OFFICE LOCATION: DEPARTMENTAL SYLLABUS</td>
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<td>OFFICE HOURS: DEPARTMENTAL SYLLABUS</td>
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<td>TELEPHONE: DEPARTMENTAL SYLLABUS</td>
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<td>EMAIL: KCKCC-issued email accounts are the official means for electronically communicating with our students.</td>
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<td>PREREQUISITES: None</td>
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**REQUIRED TEXT AND MATERIALS:** Please check with the KCKCC bookstore, [http://www.kckccbookstore.com/](http://www.kckccbookstore.com/), for the required texts for your particular class.

**COURSE DESCRIPTION:** Designed for audio engineering majors, this class gives students an understanding of concepts of pitch and time relevant to entering, editing, and interpreting performance data found in editing windows commonly found in Digital Audio Workstations. Skills to enable students to enter and interpret pitch over time data as used in popular music, such as melody, harmonic progressions, chord symbols, and tablature will be studied. These skills will enable student to more effectively and efficiently use music production software, and more professionally communicate with musical talent in the recording studio or audio production environment. These skills and vocabulary will also enable the student to assume a more effective role as a producer.

**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. Grid/Key Editor Window Knowledge
   A. The pitch axis – natural notes
   B. The pitch axis – sharps and flats
   C. The pitch axis - intervals
   D. The time axis – beats and subdivisions
   E. The time axis – notes and rest durations
   F. The time axis – meters
   G. The pitch axis - scale form construction
   H. The pitch axis – chord forms, symbols, and construction
II. Score/Notation Editor Window Knowledge
   A. Interpreting data in the score/notation editor
   B. Writing data as notation
   C. Notes and duration data in the score/notation editor
   D. Rests and duration data in the score/notation editor
   E. Meters in the score/notation editor
   F. Key Signatures in the score/notation editor
   G. Notation data entry of scale forms in the score/notation editor
   H. Rhythm entry in the score/notation editor
   I. Rhythm interpretation in the score/notation editor
III. Pitch and Time
    A. Harmonic progressions in the grid/key editor
    B. Harmonic progressions in the notation/score editor
    C. Entry of melody
    D. Interpretation of melody
IV. Other Musical Performance Data Entry Systems
    A. Chord symbols – notation entry and interpretation
    B. Lead sheet entry and interpretation skills
    C. Tabulature interpretation and entry

EXPECTED LEARNER OUTCOMES:
A. The student will demonstrate knowledge needed to accurately enter and edit note data using grid/key editors.
B. The student will demonstrate knowledge needed to accurately enter and edit note data using score/notation editors.
C. The student will demonstrate proficiency in pitch and time concepts used in Digital Audio Workstations and music production environments.
D. The student will demonstrate the proficiency in other musical performance data entry systems used in Digital Audio Workstations and music production environments.

COURSE COMPETENCIES:

Upon successful completion of this course:
The student will demonstrate knowledge needed to accurately enter and edit note data using grid/key editors.

1. The learner will be able to demonstrate knowledge of natural notes relevant to the pitch axis.
2. The learner will be able to demonstrate knowledge of sharps and flats relevant to the pitch axis.
3. The learner will be able to demonstrate knowledge of the concept of intervals relevant to the pitch axis.
4. The learner will be able to demonstrate knowledge of the concept of beats relevant to the pitch axis.
5. The learner will be able to demonstrate knowledge of the concept of beat subdivisions relevant to the pitch axis.
6. The learner will be able to demonstrate knowledge of the concepts of notes durations relative to the pitch axis.
7. The learner will be able to demonstrate knowledge of the concepts of rest durations relative to the pitch axis.
8. The learner will be able to discuss the concept of meters relative to the pitch axis.
9. The learner will be able to demonstrate knowledge necessary to construct scales on the pitch axis.
10. The learner will be able to demonstrate knowledge necessary to construct chord forms, interpret chord symbols, and construct construction on the pitch axis.

The student will demonstrate knowledge needed to accurately enter and edit note data using score/notation editors.

11. The learner will be able to interpret notation found on score/notation editors.
12. The learner will be able to demonstrate proficiency at writing data as notation found on score/notation editors.
13. The learner will be able to discuss the concepts of notes and note durations relevant to score/notation editors.
14. The learner will be able to discuss the concepts of rests and rest durations relevant to score/notation editors.
15. The learner will be able to discuss the concept of meters relevant to score/notation editors.
16. The learner will be able to discuss the concept of time signatures relevant to score/notation editors.
17. The learner will be able to demonstrate knowledge necessary to enter various scale forms using score/notation editors.
18. The learner will be able to demonstrate knowledge necessary to enter various rhythm forms using score/notation editors.
19. The learner will be able to demonstrate knowledge necessary to interpret various rhythm forms using score/notation editors.

The student will demonstrate proficiency in pitch and time concepts used in Digital Audio Workstations and music production environments.
20. The learner will demonstrate knowledge of harmonic progressions necessary to enter and interpret data in the grid/key editor.
21. The learner will demonstrate knowledge of harmonic progressions necessary to enter and interpret data in the notation/score editor.
22. The learner will demonstrate knowledge of melody necessary to enter data in editor windows.
23. The learner will demonstrate knowledge of melody necessary to interpret data in editor windows.

*The student will demonstrate the proficiency in other musical performance data entry systems used in Digital Audio Workstations and music production environments.*

24. The learner will demonstrate knowledge of chord symbols necessary to enter notation and performance data.
25. The learner will demonstrate knowledge of chord symbols necessary to interpret notation and performance data.
26. The learner will demonstrate knowledge of lead sheets necessary to enter notation and performance data.
27. The learner will demonstrate knowledge of lead sheets necessary to interpret notation and performance data.
28. The learner will demonstrate knowledge of tablature necessary to enter and interpret notation and performance data.

**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. 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.