COLLEGE OF THE DESERT

Course Outline of Record

1. Course Code: MUS-078B
2.   a. Long Course Title: Digital Audio II
      b. Short Course Title: DIGITAL AUDIO II
3.   a. Catalog Course Description:

   This course focuses on computer-based digital audio recording, mixing and editing. Activities include exercises and projects using microphones, audio mixers, audio processors, synthesizers, computers and computer music software.

      b. Class Schedule Course Description:

   This course focuses on computer-based digital audio recording, mixing and editing.

      c. Semester Cycle (*if applicable*): *N/A*

      d. Name of Approved Program(s):

           • MUSIC TECHNOLOGY Certificate of Achievement

4. Total Units: 3.00   Total Semester Hrs: 90.00

   Lecture Units: 2   Semester Lecture Hrs: 36.00

   Lab Units: 1   Semester Lab Hrs: 54.00

      Class Size Maximum: 20   Allow Audit: No

      Repeatability No Repeats Allowed

      Justification 0

5. Prerequisite or Corequisite Courses or Advisories:

   Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)

   Prerequisite: MUS 078A

   Advisory: MUS 021A

6. Textbooks, Required Reading or Software: *(List in APA or MLA format.)* *N/A*
7. Entrance Skills: *Before entering the course students must be able:*

     a. Complete exercises and create original music compositions using MIDI-based computer software and hardware.

        • MUS 078A - Complete exercises and create original music compositions using MIDI-based computer software and hardware.

     b. Use MIDI-based computer software and hardware to add sound to video.

        • MUS 078A - Use MIDI-based computer software and hardware to add sound to video.

     c. Define the fundamentals of music (pitch, rhythm, timbre, dynamics.)

        • MUS 078A - Define the fundamentals of musical sound (pitch, rhythm, timbre, dynamics) through discussion and application.

     d. Describe the history and theory of MIDI.

        • MUS 078A - Describe the history and theory of MIDI.

     e. Advisory Skills:

     f. Understand and demonstrate major scales.

     g. Understand and demonstrate triads.

     h. Read and perform entry level piano music.

8. Course Content and Scope:

Lecture:

> 1. Theory and application of digital audio hardware
> 2. Theory and application of digital music software
> 3. Audio recording techniques commensurate with experience
> 4. Concepts of musical style commensurate with experience

Lab: *(if the "Lab Hours" is greater than zero this is required)*

> 1. Application of MIDI and digital audio processing techniques to original compositions and multimedia projects commensurate with experience

9. Course Student Learning Outcomes:

1.

Students will be able to use techniques, software and hardware discussed during lectures to import, edit and mix digital audio

2.

Students will be able to use techniques, software and hardware discussed during lectures to record and save digital audio

10. Course Objectives: *Upon completion of this course, students will be able to:*

a. Record, edit and mix digital audio using computer-based digital audio recording hardware and software.

b. Create basic multimedia presentations using computer-based digital audio and MIDI recording.

c. Define the fundamentals of sound production through discussion and application.

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

a. Demonstration, Repetition/Practice

b. Discussion

c. Laboratory

d. Lecture

Other Methods:

> Audio recordings Video recordings Audio demonstrations MIDI demonstrations Live performance/recording

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 90.00

Outside Class Hours: 72.00

a. In-class Assignments

> Audio editing projects using computer-based audio and MIDI editing techniques. Audio recording and editing projects using computer-based audio recording techniques. Equipment evaluation projects using computer-based audio recording techniques

b. Out-of-class Assignments

> Critical listening activities Written analysis/review of audio recordings. Pre-production planning for in-class digital recording studio assignments

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Laboratory projects
- Product/project development evaluation
- Other

    a. Written analysis/review of audio recordings b. Completion of audio composition projects using computer-based audio and MIDI editing techniques c. Completion of audio recording projects using computer-based audio recording techniques d. Student demonstrations

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*
    PO-GE C3 – Arts, Humanities, and Culture
      Effectively communicate and express themselves and make themselves understood through visual, auditory, tactile, and symbolic means.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year

17. Special Materials and/or Equipment Required of Students:

    USB-based removable flash memory, recommended 4 gigabite minimum. Standard CD-R writable CD media

18. Materials Fees: ☐ Required Material?

Material or Item	**Cost Per Unit**	**Total Cost**

19. Provide Reasons for the Substantial Modifications or New Course:

    Periodic update

20.   a. Cross-Listed Course *(Enter Course Code)*: *N/A*
       b. Replacement Course *(Enter original Course Code)*: *N/A*

21. Grading Method *(choose one)*: Letter Grade Only

22. MIS Course Data Elements
       a. Course Control Number [CB00]: CCC000446031
       b. T.O.P. Code [CB03]: 100400.00 - Music
       c. Credit Status [CB04]: D - Credit - Degree Applicable
       d. Course Transfer Status [CB05]: B = Transfer CSU
       e. Basic Skills Status [CB08]: 2N = Not basic skills course
       f. Vocational Status [CB09]: Not Occupational
       g. Course Classification [CB11]: Y - Credit Course
       h. Special Class Status [CB13]: N - Not Special
       i. Course CAN Code [CB14]: *N/A*
       j. Course Prior to College Level [CB21]: Y = Not Applicable
       k. Course Noncredit Category [CB22]: Y - Not Applicable
       l. Funding Agency Category [CB23]: Y = Not Applicable
       m. Program Status [CB24]: 1 = Program Applicable
    Name of Approved Program *(if program-applicable)*: MUSIC TECHNOLOGY
    Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment
    First Year: 0
    Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:
       a. Sufficient Faculty Resources: Yes
       b. If No, list number of FTE needed to offer this course: *N/A*
25. Additional Equipment and/or Supplies Needed and Source of Funding.
    N/A
26. Additional Construction or Modification of Existing Classroom Space Needed. *(Explain:)*
    N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES
Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Scott Smith   Origination Date 09/19/16