COLLEGE OF THE DESERT

Course Outline of Record

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

   This course is an introduction to the history, theory and practice of using computer music software, synthesizers and MIDI (Musical Instrument Digital Interface.) Activities include completing exercises and creating original compositions using synthesizers, computers and computer music software.

   b. Class Schedule Course Description:

   This course is an introduction to the history, theory and practice of using computer music software, synthesizers and MIDI.

   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)

   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. Understand and demonstrate major scales

   b. Understand and demonstrate triads

   c. Read and perform entry level piano music

8. Course Content and Scope:

   ### Lecture:

1. Fundamentals of sound (pitch, rhythm, timbre, dynamics) 2. History of the MIDI language and MIDI devices 3. History of music software

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

1. Application of specific MIDI techniques to exercises 2. Application of specific MIDI techniques to original music compositions. 3. Application of specific MIDI techniques to video audio tracks

9. Course Student Learning Outcomes:

   1. Create original music compositions using MIDI-based computer software and hardware.

   2. Students will complete and have compositions evaluated during lab time.

   3. Students will be able to use techniques (MIDI exercises) discussed during lectures to create MIDIbased compositions.

   4. Students will include all techniques (MIDI exercises) discussed during lectures in MIDI-based compositions.

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

a. Define the fundamentals of musical sound (pitch, rhythm, timbre, dynamics) through discussion and application.

b. Describe the history and theory of MIDI.

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

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

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 MIDI demonstrations

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

   > 1. Audio exercise assignments highlighting specific MIDI techniques
   > 2. Audio summary assignments demonstrating a combination of MIDI techniques
   > -

   b. Out-of-class Assignments

   > 1. Critical listening activities
   > 2. Written analysis/review of audio recordings
   > 3. Audio exercise assignments highlighting specific MIDI techniques
   > 4. Audio summary assignments demonstrating a combination of MIDI techniques

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 exercise assignments highlighting specific MIDI techniques c. Completion of audio summary assignments demonstrating a combination of MIDI techniques d. Student demonstrations e. Written final exam

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.

   IO - Aesthetics

   Apply imagination to artistic expression.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year