

LANEY COLLEGE COURSE OUTLINE

COLLEGE:		STATE APPROVAL DATE:	03/04/2018
ORIGINATOR:	John Reager	STATE CONTROL NUMBER:	CCC00059 0919
		BOARD OF TRUSTEES APPROVAL DATE:	01/23/2018
		CURRICULUM COMMITTEE APPROVAL DATE:	11/03/2017
		CURRENT EFFECTIVE DATE:	06/18/2018

DIVISION/DEPARTMENT:

1. REQUESTED CREDIT CLASSIFICATION:

Credit - Degree Applicable
Course is not a basic skills course.
Program Applicable

2. DEPT/COURSE NO:

MUSIC 147

3. COURSE TITLE:

Introduction to Electronic Music and MIDI

4. COURSE: Laney New Course

TOP NO. 1005.00

5. UNITS: 3.000

HRS/WK LEC: 2.00 Total: 35.00

HRS/WK LAB: 3.00 Total: 52.50

HRS/WK TBA:

6. NO. OF TIMES OFFERED AS SELETED TOPIC: AVERAGE ENROLLMENT:

7. JUSTIFICATION FOR COURSE:

Designed for a proposed "Commercial Music" degree. This is an introductory course that provides the foundational skills necessary for the creation of electronic music on a Digital Audio Workstation capable of utilizing MIDI (Musical Instrument Digital Interface). Students will gain direct hands-on experience with MIDI capable synthesizers, tone generators and samplers, digital signal processors, and computer-based music sequencing software.

8. COURSE/CATALOG DESCRIPTION

Introduction to Digital Audio Workstations and MIDI: Basic concepts of MIDI capable synthesizers, tone generators and samplers, digital signal processors, and computer-based music sequencing software.

9. OTHER CATALOG INFORMATION

- a. Modular: No If yes, how many modules:
- b. Open entry/open exit: No
- c. Grading Policy: Both Letter Grade or Pass/No Pass
- d. Eligible for credit by Exam: No
- e. Repeatable according to state guidelines: No
- f. Required for degree/certificate (specify):
Commercial Music, Music Industry Studies
- g. Meets GE/Transfer requirements (specify):
- h. C-ID Number: Expiration Date:

i. Are there prerequisites/corequisites/recommended preparation for this course? No

10. LIST STUDENT PERFORMANCE OBJECTIVES (EXIT SKILLS): (Objectives must define the exit skills required of students and include criteria identified in Items 12, 14, and 15 - critical thinking, essay writing, problem solving, written/verbal communications, computational skills, working with others, workplace needs, SCANS competencies, all aspects of the industry, etc.)(See SCANS/All Aspects of Industry Worksheet.)

Students will be able to:

1. Create, arrange and produce recorded music projects utilizing a Digital Audio Workstation that is MIDI capable.
2. Analyze the recording, production and compositional techniques utilized by artists creating music on Digital Audio Workstations that are MIDI capable.
3. Demonstrate professional behaviors required in the music industry.
4. Demonstrate and apply vocabulary used in working with a Digital Audio Workstation that is MIDI capable.
5. Describe the history of electronic music from its beginnings to the present.

11A. COURSE CONTENT: List major topics to be covered. This section must be more than listing chapter headings from a textbook. Outline the course content, including essential topics, major subdivisions, and supporting details. It should include enough information so that a faculty member from any institution will have a clear understanding of the material taught in the course and the approximate length of time devoted to each. There should be congruence among the catalog description, lecture and/or lab content, student performance objectives, and the student learning outcomes. List percent of time spent on each topic; ensure percentages total 100%.

LECTURE CONTENT:

1. The Components of a Digital Audio/MIDI Workstation 20%
 - a. Multi-timbral Synthesizers & Tone Generators
 - b. Multi I/O Mixer
 - c. Digital Audio Interface
 - d. MIDI Interface
 - e. MIDI Keyboard Controller
 - f. Computer
2. Computer Music Sequencing Software 20%
 - a. Single-timbre recording utilizing a MIDI capable synthesizer
 - b. Multi-timbral recording utilizing a MIDI capable Synthesizer
 - c. Sequencer Editing Techniques
 - d. Track Automation
 - e. Step Recording
 - f. Software Synthesizers
 - g. Subtractive Synthesis
 - h. Use of the Sampler
 - i. MIDI Inserts
3. Study the Vocabulary, Terminology and Concepts Of The MIDI Specification 20%
 - a. Terms and Definitions
 - b. Multi-Byte MIDI Messages
 - c. System Common Messages
 - d. System Real-Time Messages
4. Creative Process 20%
 - a. Production, Arrangement and Composition
 - b. Critique and Analysis
 - c. Delivery Modes
5. Professional Behaviors 20%
 - a. Dependability
 - b. Time Management
 - c. Work Ethic

11B. LAB CONTENT:

1. Computer Music Sequencing Software 75%
 - a. Create and produce a single-timbre recording
 - b. Create and produce a multi-timbre recording
 - c. Arrange a remix using Sequencer Editing Techniques
 - d. Arrange a remix using Track Automation
 - e. Create and produce a Step Recording
 - f. Create and produce a recording using Software Synthesizers
 - g. Design a sound using Subtractive Synthesis
 - h. Create and produce a recording using a Sampler
 - j. Design a sound using MIDI Inserts
2. Professional Behaviors 25%
 - a. Dependability
 - b. Time Management
 - c. Work Ethic

12. METHODS OF INSTRUCTION (List methods used to present course content.)

1. Lecture
2. Lab
3. Observation and Demonstration
4. Discussion
5. Critique
6. Projects
7. Visiting Lecturers
8. Individualized Instruction
9. Multimedia Content

13. ASSIGNMENTS: 4.00 hours/week (List all assignments, including library assignments. Requires two (2) hours of independent work outside of class for each unit/weekly lecture hour. Outside assignments are not required for lab-only courses, although they can be given.)

Out-of-class Assignments:

Individual and group electronic music projects, textbook assignments, and essays.

ASSIGNMENTS ARE: (See definition of college level):
Primarily College Level

14. STUDENT ASSESSMENT: (Grades are based on):

ESSAY (Includes "blue book" exams and any written assignment of sufficient length and complexity to require students to select and organize ideas, to explain and support the ideas, and to demonstrate critical thinking skills.)

NON-COMPUTATIONAL PROBLEM SOLVING (Critical thinking should be demonstrated by solving unfamiliar problems via various strategies.)

SKILL DEMONSTRATION

MULTIPLE CHOICE

OTHER (Describe):

Individual and group electronic music projects.

15. TEXTS, READINGS, AND MATERIALS

A. Textbooks:

Mark Ballora. *Digital Audio and Acoustics for the Creative Arts*. 1st Oxford University Press, 2016.

One or more of the following: USB Flash Drive; Portable Hard Drive (USB or Firewire); CD-R; CD-RW; DVD-R

*Date is required: Transfer institutions require current publication date(s) within 5 years of outline addition/update.

B. Additional Resources:

Library/LRC Materials and Services:

The instructor, in consultation with a librarian, has reviewed the materials and services of the College Library/LRC in the subject areas related to the proposed new course

Are print materials adequate? Yes

Are nonprint materials adequate? Yes

Are electronic/online resources available? Yes

Are services adequate? Yes

Specific materials and/or services needed have been identified and discussed. Librarian comments: Please provide a list of recent, recommended supplementary (non-textbook) titles to the acquisitions librarian.

C. Readings listed in A and B above are: (See definition of college level):

Primarily college level

16. DESIGNATE OCCUPATIONAL CODE:

C - Occupational

17. LEVEL BELOW TRANSFER:

Y = Not Applicable

SUPPLEMENTAL PAGE

Use only if additional space is needed. (Type the item number which is to be continued, followed by "continued." Show the page number in the blank at the bottom of the page. If the item being continued is on page 2 of the outline, the first supplemental page will be "2a." If additional supplemental pages are required for page 2, they are to be numbered as 2b, 2c, etc.)

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STUDENT LEARNING OUTCOMES

1. **Outcome:** Analyze and describe processes and techniques used in working with a Digital Audio Workstation that is MIDI capable.

This outcome maps to the following Institution Outcomes:

- Communication - Students will effectively express and exchange ideas through various modes of communication.
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Assessment: An essay exam will be attached to the assessment.

2. **Outcome:** Define vocabulary used in working with a Digital Audio Workstation that is MIDI capable.

This outcome maps to the following Institution Outcomes:

- Communication - Students will effectively express and exchange ideas through various modes of communication.

Assessment: An exam will be attached to the assessment.

3. **Outcome:** Demonstrate and apply processes and techniques used in working with a Digital Audio Workstation that is MIDI capable.

This outcome maps to the following Institution Outcomes:

- Career Technical Education - Students will demonstrate technical skills in keeping with the demands of their field of study.

Assessment: A rubric for grading student project will be attached to the assessment.