Proposal to Initiate, Modify or Delete a Course

1. Type of Action
   - A. Addition
   - B. Deletion
   - C. Modification: in credits, in title, in prerequisites or co-requisites, in number or alpha, Other

2. New Alpha, Number and Title
   - MUS 240 Introduction to Digital Music Production

3. Credits
   - 3 credits

4. Old Alpha, Number and Title

5. Credits
   - *

6. New Catalog Description
   - Introduction to digital music and sound production on the Macintosh platform: music notation, MIDI sequencing, audio recording, editing, mixing and mastering; preparing audio files for CD, video and web applications; sound synthesis and programming using virtual instruments.

7. Select box and type specific information in text box.
   - Prerequisites
   - Corequisites or
   - Recommended Preparation
   - 108, 121(alpha) or 253, or consent of instructor.

8. Student Contact Hours Per Week
   - Lecture 3
   - Lab
   - Other (click to specify)

9. Proposed Date of First Offering
   - Semester Fall
   - Year 2008

10. This course is proposed for the Liberal Arts Program. Can fulfill AA Elective. If Other, specify.

11. This course Makes No Difference in the number of credits required for the program/core.

12. Equivalent or similar courses offered in the UH System:

<table>
<thead>
<tr>
<th>Campus</th>
<th>Alpha, Number, Title</th>
<th>Campus</th>
<th>Alpha, Number, Title</th>
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<tbody>
<tr>
<td>LeewardCC</td>
<td>MUS 240</td>
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<tr>
<td>MauiCC</td>
<td>MUS 272</td>
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<td>UH Manoa</td>
<td>MUS 240</td>
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13. This course is (check one and click in appropriate textbox and provide details):
   - Already articulated with
     Provide details of existing or desired articulation (date, college(s), purposes, pre-major, etc.) in this space:
   - Appropriate for Articulation with
     Provide details of existing or desired articulation (date, colleges(s), purposes, pre-major or major, etc.) in this space:
   - Not yet appropriate for Articulation.

14. Reason for Initiating, Modifying or Deleting Courses or Other Pertinent Comment:

Requested by:________________________Date:1/06/08
Approved by:________________________Date:2/26/08
Approved by:________________________Date:3/4/08
Approved by:________________________Date:3/6/08

CCC#6100 (Amended for WCC use October 2002)
Levels of Review of Course Proposal at Windward Community College

Course Alpha, Number, and Title: MUS 240  Introduction to Digital Music Production

<table>
<thead>
<tr>
<th>Signatures</th>
<th>Dates</th>
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<td>2/7/08</td>
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</tbody>
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1. Department Area (more than one departmental instructor's signature required)

2. Department

   Department Chairperson

   Was this course discussed in a department meeting? ☑ Yes ☐ No

3. Division

   [Signature]

   2/21/08

4. Curriculum Committee Review

   Approved ☑

   Disapproved ☐

   Reason:

   [Signature]

   Curriculum Committee Chairperson

   2/21/08
1. How is this course related to the education needs and goals of the College/Department/Community as reflected in the EDP/ADP?

UH-WCC Strategic Plan for 2002-2010:
points 1.0A, 3.0B, 7.0 1 through C

2. Provide details of any additional staff, equipment, facilities, library/media material, faculty preparation and other financial support that would be required to implement this course. (Include an estimate of the actual cost of supplies and equipment.) What has been done to provide for these additional costs for the proposed date of offering? Who will teach the course?

The existing Macintosh Lab in PALA 124 will be used; the computer workstations are scheduled to be upgraded by Fall 2008. Additional cost for music software and equipment is estimated to be $7200. This amount has been included in the department budget request for AY08-09.

WCC Success Counselor Renee Arakaki has a doctorate in music composition and is qualified to teach this course.

3. Is a similar course taught elsewhere in the UH system? Yes If yes, provide details of how this course differs from existing similar courses.

LCC MUS 240 - negligible difference. Both (LCC and WCC) are introductory surveys of digital music production and notation using Macintosh computers and a variety of ‘affordable’ software programs.

UHM MUS 240 - this is UHM gatekeeper course for Music Technology majors; focuses solely on sound synthesis and audio editing. LCC established its 240 course in 2001; UHM established its 240 in 2004 with a description dissimilar to LCC’s.

MCC MUS 272 - uses Digidesign ProTools professional hardware and software exclusively.

4. Is this course experimental and/or unique to Windward Community College? No If yes, provide rationale and details of its impact on the College Curriculum

5. Is a similar course taught in the upper division level by a 4-year UH college? No If yes, explain why this course is appropriate at the lower division or how it differs from its upper division counterpart.

6. Please attach a complete course outline. Your course outline should address all the items listed in the Guidelines for Course Outlines.

7. If this course is numbered 100 or above or appropriate for transfer to a 4-year college, complete and attach WCC Form for Transfer Courses (blue). See criteria for transfer courses.
Course Alpha and Number MUS 240

Submitted by Renee Arakaki

Date February 5, 2008

1. List the counterpart to this course on any 4-year UH campus. Describe the relationship between the course any related baccalaureate program area.

none

2. Is this course taught or accepted by major accredited colleges or universities? Give one or two examples.

LCC MUS 240 Introduction to Digital Music Production
MCC 272 Digital Recording Techniques
MUS TECH 259-0 Introduction to Music Technology (Northwestern University School of Music)
http://www.registrar.northwestern.edu/nucatalog/catalog0708/music_cat0708.pdf
Z361 Introduction to MIDI and Computer Music (Indiana University-Bloomington/Jacobs School of Music)
http://www.indiana.edu/~emusic/U396/
PW-161 Technology Tools for the Writer (Berklee College of Music)

3. Please attach a complete course outline if you have not done so already. Your course outline should address all the items listed in the Guidelines for Course Outlines.
University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course
Articulation with 4-year UH Campus Form

COURSE ARTICULATION FORM (GENERAL EDUCATION CORE)

ORIGINATING CAMPUS: Windward Community College DATE SUBMITTED: February 5, 2008

COURSE ALPHA & NUMBER: MUS 240 SEMESTER CREDITS: 3

COURSE TITLE: Introduction to Digital Music Production

DATE OF OUTLINE: February 5, 2008 Year 2008

(** Representative outline, no multiple syllabi, please.)

1. Articulation committee to review this course:

   Standing Committees
   Written Communication □
   Mathematical & Logical Thinking □
   World Civilizations □
   Languages □
   Arts & Humanities □
   Natural Science □
   Social Science □

2. The information in this item is required by the reviewing committee so that it has a starting point for reviewing the course. It is the responsibility of the submitting campus to do the necessary research to provide this information.

In the opinion of the originating campus, this course is equivalent to the following and/or meets the criteria for the indicated core categories. Every core category space, except your own campus, must be filled in (can include ‘none’). An equivalent course, if known, may be helpful to committee members but is not required.

<table>
<thead>
<tr>
<th>Receiving Campus</th>
<th>Equivalent Course (Alpha and Number)</th>
<th>Core Category</th>
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<tbody>
<tr>
<td>UH Hilo</td>
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<tr>
<td>UH Manoa</td>
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<td>UH West Oahu</td>
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<td>Hawaii CC</td>
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<td>Honolulu CC</td>
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<td>Kapiolani CC</td>
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<td>Kauai CC</td>
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<td>Leeward CC</td>
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<td>Maui CC</td>
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<tr>
<td>Windward CC</td>
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</tbody>
</table>

3. If submitted electronically, I understand that this outline will be posted to a publicly accessible web site to enable open access for reviewing committees and campuses. The outline will be taken off the site upon completion of the review.

Typed Name or Signature

Note: If possible submit coversheet and course outline electronically as e-mail attachments (preferably in ‘pdf’ format). If submitting in printed form, 20 copies of coversheet and course outline are required for distribution for appropriate review.

Note: UCA Clearinghouse
John Muth, Office of the Chancellor for Community Colleges, is acting as staff to the University Council on Articulation and is responsible for tracking all courses submitted for articulation.

Revised 1/29/2001
MUS 240  INTRODUCTION TO DIGITAL MUSIC PRODUCTION
3 Credits
TTH 3:00 to 4:15

INSTRUCTOR:  Renee Arakaki
OFFICE:  Hale ‘Ākoakoa 205
OFFICE HOURS:  TTH 1:30-2:30; walk-in possible during non-appointment times
TELEPHONE:  235-7483
EFFECTIVE DATE:  Fall 2008

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware members of our community.

CATALOG DESCRIPTION

Introduction to digital music and audio production on the Macintosh platform: music notation; MIDI sequencing; audio recording, editing, mixing and mastering; preparing audio files for CD, video and web applications; sound synthesis and programming using virtual instruments. In lieu of purchasing a textbook, students will need to provide their own earbud headphones and 4GB USB flash drive. Prerequisite: One of MUS 101, 108, 121(alpha) or 253; or consent of instructor.

Activities Required at Scheduled Times Other Than Class Times

This is a project driven course; students can expect to spend a minimum of two hours per week outside of class time to complete assigned projects on computer stations in the TLC and/or computer lab.

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Use of music notation, MIDI sequencing and audio recording software as tools for music composition, arranging and performance
2. Gain basic skills in digital audio recording and editing
3. Gain and apply basic skills to audio mixing and mastering projects
4. Prepare audio files for CD burning, video and web applications
5. Apply understanding of sound synthesis to create original sounds for music projects
6. Gain transferable skills which can be applied to other digital audio software programs across PC and Mac platforms
COURSE CONTENT (This section is optional for now).

**Concepts or Topics**
- MIDI Sequencer
- Digital Audio Workstation
- Sampling
- Digital Audio Effects Processing
- Mixing
- CD Burning
- File conversion
- Notation Software

**Skills or Competencies**
1. Create a MIDI sequence of multiple tracks and instruments
2. Record and edit audio files for use with sequencers and samplers
3. Mix MIDI and Audio tracks to create a musical piece
4. Produce a final mix and master using conventional effects; prepare the master as an audio file
5. Produce an audio file “proof” of a musical piece using notation software and General MIDI
6. Create original musical sounds by editing parameters of virtual instruments

COURSE TASKS

1. Homework (10 pts ea.) – daily assignments are due by the beginning of the next class period
2. Quizzes (10 pts ea.) – weekly quizzes on terminology definitions and technical procedures
3. Projects (50 pts ea.) – students will make three project presentations to explain their work in MIDI Sequencing, Audio sampling/editing and Sound synthesis. A fourth, final project will include these three aspects of digital music production and will be submitted in suitable form: on CD, DVD (accompanied with video), or as a web download or streaming audio on the student’s personal hawaii.edu webpage.

ASSESSMENT TASKS AND GRADING

Grading (A – F) will be based on the number of points earned through performance on homework, quizzes and projects.

<table>
<thead>
<tr>
<th>Possible total points</th>
<th>Homework</th>
<th>Quizzes</th>
<th>Projects</th>
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</thead>
<tbody>
<tr>
<td>Points Earned/Grade</td>
<td>580 – 650 A</td>
<td>520 – 579 B</td>
<td>440 – 519 C</td>
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<td></td>
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<td>326 – 439 D</td>
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<td>325 and below F</td>
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</tbody>
</table>
LEARNING RESOURCES

Textbook:
- None. Instructor will provide printed lessons and assignment worksheets.

Required Materials:
- Stereo earbuds or headphones with 1/8" mini-jack connector (ex. iPod-type, approx. $25),
- 4GB Flash Drive (ex. SanDisk Cruzer Micro, approx. $40).

Recommended for reference:

Additional Information
- Student should be adept at basic computer usage (mousing, saving files, emailing files, etc.)
- There will be no outside extra credit opportunities. However, regular attendance and class participation will weigh in your favor – and, attendance is the only way you’ll get the daily homework assignment!
- Accommodations for late homework and/or missed project deadlines may be negotiated only with prior notice of absences and/or documentation of extenuating circumstances.

DISABILITIES ACCOMMODATION STATEMENT

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale ‘Akoakoa 213 for more information.

Revised May 10, 2007