

Curriculum Action Request (CAR) (Form 4-93) - Maui Community College

- 1. Author(s) Robert Wehrman, Ph.D.
- 2. Authors unit(s) Professional Technologies
- 3. Date submitted to Curriculum Committee May 3, 2004
- 4. a. General type of action?  course  program

b. Specific type of action

Addition	Modification	
<input checked="" type="checkbox"/> regular	<input type="checkbox"/> number/alpha	<input type="checkbox"/> prerequisites
<input type="checkbox"/> experimental	<input type="checkbox"/> title	<input type="checkbox"/> corequisites
<input type="checkbox"/> other (specify)	<input type="checkbox"/> credits	<input type="checkbox"/> program
_____	<input type="checkbox"/> description	<input type="checkbox"/> other (specify)
		_____

5. Reason for this curriculum action. This is a new course which functions as a second semester to MUS 271 (Intro to Music Technology) and is needed to train students on MCC s audio studio, and to support MCC s expanding digital Media program. Ultimately ICS< TCOM, and MUS students will attend. In surveying the faculty, I have ascertained that there are plenty of interested students from these areas. Further, we need a course that addresses digital audio to support the studio on which we ve invested a significant amount of money.

6. Existing course

alpha number	title	credits
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7. Proposed new/modified course

MUS 272	Digital Recording Techniques	credits
alpha number	title	Three (3)

8. New course description or page number in catalog of present course description, if unchanged.

Continues MUS 271. Focuses specifically on digital audio recording and processing techniques on the Pro Tools HD platform as they apply to the audio arts and sciences. Explores the roles of engineer and producer in the digital audio studio environment.

9. Prerequisite(s) MUS 271 or consent

10. Corequisite(s) None

11. Recommended preparation MUS 108 , or 121C, or 121D; or TCOM 261; or ICS 161

12. Is this course cross-listed?  yes  no If yes, list course
13. Student contact hours per week  
 2 lecture  hours 2 lab  hours lecture/lab  hours other  hours, explain
14. Revise current MCC General Catalog page(s) 116 \_\_\_\_\_
15. Course grading  letter grade only  credit/no credit  either  audit
16. Proposed semester and year of first offering? Spring semester 2005 year
17. Maximum enrollment 20 Rationale, if applicable
18. Special scheduling considerations?  yes  no If yes, explain.
19. Special fees required?  yes  no If yes, explain.
20. Will this request require special resources (personnel, supplies, etc.?)  yes  no  
 If yes, explain.
21. Is this course restricted to particular room type?  yes  no If yes, explain.  
 Must be held in the MCC Audio Studio
22.  Course fulfills requirement for \_\_\_\_\_ program/degree  
 Course is an elective for \_\_\_\_\_ program/degree  
 Course is elective for AA degree
23. This course  increases  decreases  makes no change in number of credit required  
 for the program(s) affected by this action
24. Is this course taught at another UH campus?  yes  no  
 a. If yes, specify campus, course, alpha and number  
 b. If no, explain why this course is offered at MCC  
 MCC is the only campus equipped with Pro Tools HD
25. a. Course is articulated at  
 UHCC  UH Manoa  UH Hilo  UH WO  Other/PCC  
 b. Course is appropriate for articulation at  
 UHCC  UH Manoa  UH Hilo  UH WO  Other/PCC  
 c. Course is not appropriate for articulation at  
 UHCC  UH Manoa  UH Hilo  UH WO  Other/PCC  
 d. Course articulation information is attached?  yes  no

Proposed by

Approved by

Robert D. Wolf PhD. 5/3/04

[Signature] 9/10/04

Author or Program Coordinator/Date

Academic Senate Chair/Date

Requested by

Alcane Meyer 9/10/04  
Division or Unit Chair/Date

Flourens 3/28/05  
Chief Academic Officer/Date

Recommended by

Ann Cooper Smith 25 Aug 04  
Curriculum Chair/Date

Flourens 3/28/05  
Chancellor/Date

Revised July 2004/AC

Maui Community College  
Course Outline

- |                         |  |
|-------------------------|--|
| 1. Alpha and Number     | Music 272<br>MUS 272   |
| Course Title            | Digital Recording Techniques   |
| Credits                 | 3  |
| Date of Outline         | August 2004  |
| 2. Course Description   | Continues MUS 271. Focuses specifically on digital audio recording and processing techniques on the Pro Tools HD platform as they apply to the audio arts and sciences. Explores the roles of engineer and producer in the digital audio studio environment. |
| 3. Contact Hours/Type   | Three (3) Lecture/lab  |
| 4. Prerequisites        | MUS 271 or consent   |
| Corequisites            |  |
| Recommended Preparation | MUS 108 , or 121C, or 121D; or TCOM 261; or ICS 161  |

Approved by *Floungin* Date *4/20/05*

## 5. General Course Objectives

Students develop and practice skills required of audio recording engineers working in a Pro Tools HD based studio situation. Focus is on recording techniques, data manipulation, and production responsibilities and techniques.

## 6. Student Learning Outcomes

*For assessment purposes, these are linked to #7. Recommended Course Content.*

On successful completion of this course, students will be able to

- a. discuss the broad spectrum of technological principles applied to electro-acoustic music;
- b. utilize the Pro Tools HD digital recording platform to record and manipulate digital audio;
- c. use sophisticated electronic tools in musical composition, recording, and performance;
- d. manage a recording session as an engineer and a producer;
- e. compose musical works using computers and MIDI-based instruments;
- f. set up and wire a recording studio.

## 7. Recommended Course Content and Approximate Time Spent on Each Topic *Linked to # 6. Student Learning Outcomes.*

1 week	Studio Setup (b, f)
1 week	Recording with Pro Tools (b, c)
1 week	Editing Digital Audio in Pro Tools (b)
1 week	Producer s Role in Preproduction (b, d)
1 week	Engineer s role in Preproduction (b, d)
1 week	Advanced Audio Setup (a, b, f)
1 week	Improving System Performance and Efficiency (b, c, f)
1 week	Producer s Role in Production (b, d)
1 week	Engineer s Role in Production (b, d)

1 week	Mixing (b, d)
1 week	Mastering (b, d)
1 week	MIDI-based musical instruments and equipment (b, e)
4 weeks	Project development (a, b, c, d, e, f)

#### 8. Text and Materials, Reference Materials, Auxiliary Materials and Content

Appropriate text(s) and materials will be chosen at the time the course is offered from those currently available in the field. Examples include

Franz, David. *Producing with Pro Tools*, 2ed. Berklee Press: Boston  
 Williams and Webster. *Experiencing Music Technology*. Schirmer Books:  
 New York

#### 9. Recommended Course Requirements and Evaluation

Specific course requirements are at the discretion of the instructor at the time the course is being offered. Suggested requirements might include, but are not limited to

0 - 20%	Weekly Exercises
0 — 10 %	Quizzes
0 — 25 %	Final Project
0 — 15%	Midterm Exam
0 — 20%	Final Exam
0 — 20%	Homework
0 — 20%	Reading Assignments
0 — 10%	Punctuality, attendance, and participation

## 10. Methods of Instruction

Instructional methods will vary considerably with instructors. Specific methods will be at the discretion of the instructor teaching the course and might include, but are not limited to:

- a. quizzes and other tests with feedback and discussion;
- b. lectures and class discussions;
- c. problem solving;
- d. narrated 35-mm slide and/or PowerPoint presentations;
- e. videos, DVDs, CD-ROMs with detailed viewing guide and discussion questions;
- f. guest speakers and attendance at public lectures;
- g. group activities;
- h. oral reports and other student presentations;
- i. games and simulations;
- j. homework assignments such as
  - reading, or watching, and writing summaries and reactions to music issues in the media including newspapers, video, magazines, journals, lectures, web-based material, and other sources;
  - listening assignments
  - reading text and reference material and answering discussion questions;
  - research musical issues, and problems;
- k. web-based assignments and activities;
- l. reflective journals;
- m. group and/ or individual research projects with reports or poster presentations;
- n. study groups;
- o. Service-Learning, community service, and/or civic engagement projects;
- p. other contemporary learning techniques (such as problem-based learning, investigative case-based learning, co-op, internships, self-paced programs, etc.);  
and
- q. hands on activities and exercises

## Assessment of Intended Student Learning Outcomes Standards – CCOWIQs with Ratings for MUS 272

**Key:**

3 = Major Emphasis: The student is actively involved (uses, reinforces, applies, and evaluated) in the student learning outcomes. The learner outcome is the focus of the class.

2 = Moderate Emphasis: The student uses, reinforces, applies and is evaluated by this learner outcome, but it is not the focus of the class

1 = Minor Emphasis: The student is provided an opportunity to use, reinforce, and apply this learner outcome, but does not get evaluated on this learner outcome

0 = No Emphasis: The student does not address this learner outcome

	MUS 272
<b>Standard 1: Written Communication</b>	
Write effectively to convey ideas that meet the needs of specific audiences and purposes.	
1.1 Use writing to discover and articulate ideas	0
1.2 Identify and analyze the audience and purpose for any intended communication	0
1.3 Choose language, style and organization appropriate to particular purposes and audiences	0
1.4 Gather information and document sources appropriately	0
1.5 Express a main idea as a thesis, hypothesis, and other appropriate content	0
1.6 Develop a main idea clearly and concisely with appropriate content	0
1.7 Demonstrate mastery of the conventions of writing, including grammar, spelling, and mechanics	0
1.8 Demonstrate proficiency in revision and editing	0
1.9 Develop a personal voice in written communication	0
<b>Standard 2: Quantitative Reasoning</b>	
Synthesize and articulate information using appropriate mathematical methods to solve problems and logically address real-life situations.	
2.1 Apply numeric, graphic and symbolic skills and other forms of quantitative reasoning, accurately and appropriately	3
2.2 Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate	3
2.3 Communicate clearly and concisely the methods and results of quantitative problem solving	3
2.4 Formulate and test hypotheses using numerical experimentation	2
2.5 Define quantitative issues and problems, gather relevant information, analyze that information, and present results	3
2.6 Assess the validity of statistical conclusions	0
<b>Standard 3: Information Retrieval and Technology (Information Literacy)</b>	
Access, evaluate, and utilize information effectively, ethically and responsibly.	
3.1 Use print and electronic information technology ethically and responsibly	3
3.2 Demonstrate knowledge of basic vocabulary, concepts, and operations of information technology and retrieval	3
3.3 Recognize, identify, and define an information need	3
3.4 Access and retrieve information through print and electronic media, evaluating the accuracy and authenticity of that information	3
3.5 Create, manage, organize, and communicate information through electronic media	3
3.6 Recognize changing technologies and make informed choices about their appropriateness and use.	3
<b>Standard 4: Oral Communication</b>	
Practice ethical and responsible oral communications appropriate to a variety of audiences and purposes.	
4.1 Identify and analyze the audience and purpose of any intended communication.	3
4.0 Gather, evaluate, select, and organize information for the communication.	3
4.3 Use language, techniques, and strategies appropriate to the audience and occasion.	3
4.4 Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion	3
4.5 Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.	3
4.6 Use competent oral expression to initiate and sustain discussion.	3
<b>Standard 5: Critical Thinking</b>	
Apply critical reasoning skills to effectively address the challenges and solve problems.	
5.1 Identify and state problems, issues, arguments, and questions contained in a body of information.	2
5.0 Identify and analyze assumptions and underlying points of view relating to an issue or problem.	3
5.3 Formulate research questions that require descriptive and explanatory analyses.	0
5.4 Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.	1
5.5 Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, and biases through the use of appropriate evidence.	0
5.6 Apply problem-solving techniques and skills, including the rules of logic and logical sequence.	3
5.7 Synthesize information from various sources, drawing appropriate conclusions.	1
5.8 Communicate clearly and concisely the methods and results of logical reasoning.	3
5.9 Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of others.	3