

**NEW COURSE PROPOSAL**

**Courses must be submitted by October 15, 2010, and finalized by the end of the fall semester for the next catalog production.**

**Use YELLOWED areas to enter data.**

DATE (*Change if modified and redate file with current date*) 9.14.10; REV 10.25.10

PROGRAM AREA(S) ART/PERFORMING ARTS

**1. Course Information.** *[Follow accepted catalog format.]*

**Prefix(es)** (Add additional prefixes if cross-listed) **and Course No.** ART/PAMU 385

**Title:** AUDIO DESIGN AND RECORDING **Units:** 3

X Prerequisites ART 312, PAMU 335

Corequisites

Consent of Instructor Required for Enrollment

**Catalog Description** (Do not use any symbols): An introduction to the fundamental principles of audio production and recording. Applications of analog and digital audio recording systems and their component parts, including sync-sound and digital audio effects for visual media will be covered. Repeatable up to 6 units.

**Grading Scheme:**

X A-F Grades

Credit/No Credit

Optional (Student Choice)

**Repeatability:**

X Repeatable for a maximum of 6 units

Total Completions Allowed 2

Multiple Enrollment in Same Semester

**Course Level Information:**

X Undergraduate

Post-Baccalaureate/Credential

Graduate

**Mode of Instruction/Components** (*Hours per Unit are defaulted*).

	Units	Hours per Unit	Benchmark Enrollment	Graded Component	CS & HEGIS # (Filled in by the Dean)
Lecture		1			
Seminar		1			
Laboratory		3			
Activity	3	2	24	X	
Field Studies					
Indep Study					
Other Blank					

Leave the following hours per week areas blank. The hours per week will be filled out for you.

6 hours activity per week

hours blank per week

**2. Course Attributes:**

**General Education Categories:** All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/geapproval>. Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

**A (English Language, Communication, Critical Thinking)**

A-1 Oral Communication

A-2 English Writing

A-3 Critical Thinking

**B (Mathematics, Sciences & Technology)**

B-1 Physical Sciences

B-2 Life Sciences – Biology

B-3 Mathematics – Mathematics and Applications

B-4 Computers and Information Technology

**C (Fine Arts, Literature, Languages & Cultures)**

- C-1 Art
- C-2 Literature Courses
- C-3a Language
- C-3b Multicultural

**D (Social Perspectives)**

**E (Human Psychological and Physiological Perspectives)**

**UDIGE/INTD Interdisciplinary**

**Meets University Writing Requirement**

**Meets University Language Requirement**

**American Institutions, Title V Section 40404:**  Government  US Constitution  US History  
 Refer to website, Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

**Service Learning Course** (Approval from the Center for Community Engagement must be received before you can request this course attribute).

**3. Justification and Requirements for the Course.** (Make a brief statement to justify the need for the course)

A. Justification: This course will utilize state-of-the-art hardware and software to serve both the Art and Performing Arts majors in the production of assigned projects. Each of these programs currently have the need for a course of this nature to support the production of digital media that can be directly applied to art and music based projects. This course will integrate current visual and audio technologies, resulting in a comprehensive level of understanding and completion of a wide range of student projects that can be applied to numerous applications in the media arts.

B. Degree Requirement:  Requirement for the Major/Minor **Note: Submit Program Modification if this course changes your program.**  
 Elective for the Major/Minor  
 Free Elective

**4. Student Learning Outcomes.** (List in numerical order. You may wish to use the following resource in utilizing measurable verbs: <http://senate.csuci.edu/comm/curriculum/resources.htm>)

Upon completion of the course, the student will be able to:

- Proficiently uses current techniques and processes of audio recording
- Explain analog and digital methods of audio production
- Demonstrate proficiency in applications of digital editing software.
- Generate, manipulate and sync multiple audio tracks for time-based visual media
- Apply Word Clock and current theories of basic acoustics to synchronized audio tracks and loops

**5. Course Content in Outline Form.** [Be as brief as possible, but use as much space as necessary]

- I. Principles of Sound and Hearing
- II. Digital Audio Systems: Introduction to Pro Tools
- III. Audio Recording Basics
- IV. Audio Editing Microphone Techniques
- V. Voice Over and Audio Looping
- VI. Digital Audio Generation
- VII. Recording: Tempos, Clicks, Cues and Overdubbing
- VIII. Multi-Track Sessions, Digital Audio Editing
- IX. Audio Sync with Time-Based, Visual Media

Does this course content overlap with a course offered in your academic program? Yes  No

If YES, what course(s) and provide a justification of the overlap.

Does this course content overlap a course offered in another academic area? Yes  No

If YES, what course(s) and provide a justification of the overlap.

Overlapping courses require Chairs' signatures.

**6. Cross-listed Courses** (Please note each prefix in item No. 1)

**A.** List Cross-listed Courses (Signature of Academic Chair(s) of the other academic area(s) is required).

List each cross-listed prefix for the course: **ART, PAMU**

**B.** Program responsible for staffing: **ART/PA**

**7. References.** [Provide 3 - 5 references]

Francis, Geoffrey, The Audio Effects Workshop, Course Technology PTR, 2010  
Ozcan, Oguzhan and Yantic, Evren. Creative Thinking for Interactive Media Design, lulu Publishers.com, 2009  
Truesdell, Cliff. Mastering Digital Audio Production: The Professional Music Workflow, Sybex, 2007  
Kronland-Martinet, Richard. Computer Music Modeling and Retrieval, Springer Publishing, 2008  
Cancellaro, Joseph. Exploring Sound Design for Interactive Media, Delmar Cengage Learning, 1 edition 2005

**8. Tenure Track Faculty Qualified to Teach This Course.**

Jack Reilly, Professor of Art, Luke Matjas, Assistant Professor of Digital Art and Design

**9. Requested Effective Date:**

First semester offered: 2011

**10. New Resources Requested.** Yes  No

If YES, list the resources needed.

**A.** Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

**B.** Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

**C.** Facility/Space/Transportation Needs

**D.** Lab Fee Requested (please refer to Dean's Office for additional processing) Yes  No

**E.** Other

**11. Will this new course alter any degree, credential, certificate, or minor in your program?** Yes  No

If, YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: **October 4, 2010** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2010**, of preceding year.

Last day to submit forms to be considered during the current academic year: **April 15<sup>th</sup>**.



9-14-10

Jack Reilly, Professor of Art

Proposer of Course (Type in name. Signatures will be collected after Curriculum approval)


Date

# Approval Sheet

**Program/Course:** ART/PAMU 385 AUDIO DESIGN AND RECORDING

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

Program Chair Jack Reilly Art and Performing Arts		9-14-10
Signature		Date
Program Chair		
Signature		Date
Program Chair		
Signature		Date
General Education Chair		
Signature		Date
Center for International Affairs Director		
Signature		Date
Center for Integrative Studies Director		
Signature		Date
Center for Multicultural Engagement Director		
Signature		Date
Center for Civic Engagement Director		
Signature		Date
Curriculum Chair		
Signature		Date
Dean of Faculty		
Signature		Date