New Course Request

Check Appropriate Boxes: Undergraduate credit ☑
Graduate credit ☐
Professional credit ☐

1. School/Division: Visual and Performing Arts
2. Academic Subject Code: MUS
3. Course Number: A103 (must be cleared with University Enrollment Services)
4. Instructor: Rutkowski
5. Course Title: Audio Recording I

Recommended Abbreviation (Optional): (Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Spring 2012

7. Credit Hours: Fixed at 3 or Variable from _______ to _______

8. Is this course to be graded S-F (only)? Yes ☐ No X ☑

9. Is variable title approval being requested? Yes ☐ No X ☑

10. Course description (not to exceed 50 words) for Bulletin publication:
Cr. 3: MUS T113, PHYS 105, or permission of instructor. C: MUS T114, MUS A104. Basic tools for working within the digital audio recording environment; the nature of sound, signal flow in audio systems, perception of sound, time/phase relationships, monitoring, microphones, pre-amplification, and digital recording principles (sampling rates, bit depth, transmission standards, digital/analog conversion, DAW, Pro-Tools).

11. Lecture Contact Hours: Fixed at 3 or Variable from _______ to _______

12. Non-Lecture Contact Hours: Fixed at _______ or Variable from _______ to _______

13. Estimated enrollment: 10 of which 0 percent are expected to be graduate students.

14. Frequency of scheduling: Every Fall Will this course be required for majors? Yes ☐ No X ☑

15. Justification for new course: To support Music and Outside Field: Technology *Required of these majors only

16. Are the necessary reading materials currently available in the appropriate library? Yes ☑

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by:

[Signature]
Date 5-26-11

Approved by:

[Signature]
Date 5-26-11

Date Department Chairman/Division Director

Date

Dean

Date

Chancellor/Vice-President

Date

University Enrollment Services

Date

[Signature]

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

University Enrollment Services Final-White, Chancellor/Vice-President-Blue; School/Division-Yellow;
Department/Division-Pink; University Enrollment Services Advance-White
OVERVIEW: The first of three courses in Audio Recording, taught through readings, presentations, discussion, projects, and hands-on recording of Department of Music recitals. Facilities include a Pro-Tools HD3 system, advanced plug-ins, and dedicated computer labs for individual work. Students will be required to be part of the Recording Crew, where they will record Department of Music recitals in a variety of performance venues under supervision.

Prerequisites include Music Theory I (MUS T113), Sound and Music (PHYS 105). Co-requisites include Music Theory II (MUS T114), Recording Crew (MUS A104), a one credit-hour lab.

COURSE DESCRIPTION

Cr. 3. P: MUS T113, PHYS 105 or permission of instructor. C: MUS T114, MUS A104. Basic tools for working within the digital audio recording environment; the nature of sound, signal flow in audio systems, perception of sound, time/phase relationships, monitoring, microphones, pre-amplification, digital recording principles (sampling rates, bit depth, transmission standards, digital/analog conversion, DAW, Pro Tools).

LEARNING OUTCOMES:

- Students will demonstrate an understanding of the scientific fundamentals of audio recording.
- Students will demonstrate knowledge of digital recording, editing and processing, mastering and distribution of live and studio recordings through running actual recording sessions.
- Students will demonstrate an understanding of a wide stylistic range of audio recording, from primarily acoustic classical and jazz to complex commercial music production.
- Students will demonstrate the ability to execute recording sessions of a variety of types, from large ensembles (32 tracks for Jazz Big band) to a solo performer (stereo pair of microphones).

REQUIRED MATERIALS:

- External bus-powered Firewire hard-drive (minimum 320GB)

EVALUATION:

- Students will be tested through written examinations and samples of live sessions recorded.