New Course Request

1. School/Division: Visual and Performing Arts
2. Academic Subject Code: MUS
3. Course Number: A303 (must be cleared with University Enrollment Services)
4. Instructor: Rutkowski
5. Course Title: Sequencing

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 _________ 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 P: MUS T213, MUS A203 or permission of instructor
    C: MUS T214. The practice of musical sequencing; using the computer sequencing interface to control virtual instruments in the
    performance of a MIDI recording of a piece of music. Various virtual instruments will be used; performance practices will be
    prioritized, from studio sequencing, to film scoring, to partially recording electro-acoustic performance and live performance.

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

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

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

14. Frequency of scheduling: Every Spring __ Will this course be required for majors? Yes __ see below *

15. Justification for new course: To support Music and Outside Field: Technology

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: ____________________________ Date: ___________
Department Chairman/Division Director

Dean of Graduate School (when required) Date: ___________

Approved by: ____________________________ Date: ___________
 Chancellor/Vice-President

University Enrollment Services Date: ___________

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.
INDIANA UNIVERSITY PURDUE UNIVERSITY FORT WAYNE
COLLEGE OF VISUAL AND PERFORMING ARTS
DEPARTMENT OF MUSIC

MUS A303 : Sequencing
Instructor: Chris Rutkowski

OVERVIEW: Focus on the midi sequencing interface, both the piano roll and score notation, of
the digital audio workstation, and the virtual instruments that are controlled by it. A continually
updated subset of the vast range of available virtual instruments will be the subject of any given
class. Likewise, a variety of sequencing applications will be covered from year to year, from
studio sequencing, to film scoring, to partially recorded electro acoustic performance, to
completely live performance.

Prerequisites are Music Theory III (MUS T213) and Audio Recording II (MUS A203) or
permission of the instructor. Co-requisites are Music Theory IV (MUS T214).

COURSE DESCRIPTION

Cr. 3. P: MUS T213, MUS A203 or Permission of Instructor. C: MUS T214. The practice of
musical sequencing: using the computer sequencing interface to control virtual instruments in the
performance of a midi recording of a piece of music. Various virtual instruments will be used;
performance practices will be prioritized, from studio sequencing, to film scoring, to partially
recorded electro-acoustic performance, and live performance.

LEARNING OUTCOMES:
- Students will demonstrate the ability to program a piece of music in a midi sequencing
  computer interface.
- Students will demonstrate the ability to program a representative subset of commercially
  available virtual instruments.
- Students will demonstrate an understanding of relevant signal processing.
- Students will learn a spectrum of sequencing performance applications, from studio
  recording to integrating pre-recorded elements into a live performance, to entirely live
  performances with sequences being created in real time.

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

Evaluation:
- Multiple graded projects including a final project will be the basis for evaluation. Projects will
  vary in scope and artistic depth, from weekly assignments of limited technical scope to large
  musical works. Live electronic performance using sequencing is a possibility contingent upon the
  interest and focus of the particular student.