

New Course Request

Indiana University

East Campus

Check Appropriate Boxes: Undergraduate credit [checked] Graduate credit [] Professional credit []

1. School/Division Humanities & Social Sciences 2. Academic Subject Code MUS
3. Course Number K430 (must be cleared with University Enrollment Services) 4. Instructor McKinley
5. Course Title Electronic and Computer Music I
Recommended Abbreviation (Optional) (Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Spring 2010
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: An exploration and comprehensive study of analog and digital music synthesis using current hardware and computer software tools. Topics include digital audio recording and editing and a detailed survey of the styles and literature of electronic music from the early radio studios to the present day.

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: 12 of which 0 percent are expected to be graduate students.

14. Frequency of scheduling: Will this course be required for majors?
15. Justification for new course: Need a second semester electronic music course for the
16. Are the necessary reading materials currently available in the appropriate library? Yes / TUE campus to follow K361

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: Approved by:
Department Chairman/Division Director Date
Dean of Graduate School (when required) Date
Jeanne Passet Date 12/1/09
Lamma D Richards Date 12/1/09
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.

IU EAST COURSE OUTLINE OF RECORD

(Submit with ECAP form)

MUS-K430 ELECTRONIC AND COMPUTER MUSIC I

COURSE TITLE: Electronic and Computer Music I

COURSE NUMBER: MUS-K430

CREDIT HOURS: 3

SCHOOL: HSS

PROGRAM: Music

COURSE CATALOG DESCRIPTION: An exploration and comprehensive study of analog and digital music synthesis using current hardware and computer software tools. Topics include digital audio recording and editing and a detailed survey of the styles and literature of electronic music from the early radio studios to the present day.

PREREQUISITES: MUS-K361 or consent of the director of music studies.

ANTICIPATED CLASS FORMAT (Online, Classroom, Hybrid): Classroom

CONTACT TYPE (Lecture, Lab, Other): Lecture/Lab.

TEXTBOOK(S) FOR FIRST OFFERING: Marquiles, Jon: *Ableton Live 8-Power!*; Rhodes, Curtis: *The Computer Music Tutorial*; Holmes, Thom: *Electronic and Experimental Music*

TOPICS TO BE ADDRESSED: (Narrative and/or bullet points)

- History and development of electronic music
- Use of computers in advanced music making building on basic techniques covered in K-361

IU EAST CAMPUS LEARNING OBJECTIVES:

Educated people should:

1. Be exposed to a broad variety of academic fields traditionally known as the Liberal Arts (humanities, fine arts, social sciences, natural sciences) in order to develop a critical appreciation of a diversity of ideas and creative expression.
2. Have achieved depth in some field of knowledge. A sequential accumulation of knowledge and skills in an academic discipline is essential for a focused personal and professional development.
3. Be able to express themselves clearly, completely, and accurately. Effective communication entails the successful sharing through a wide variety of techniques, including reading writing, speaking and technology.
4. Be able to relate computational skills to all fields so that they are able to think with numbers. At minimum students should be able to carry out basic arithmetical and algebraic functions; they should have a working concept of simple statistics; and they should be able to interpret and use data in various forms.

5. Have the ability to develop informed opinions, to comprehend, formulate, and critically evaluate ideas, and to identify problems and find solutions to those problems. Effective problem solving involves a variety of skills including research, analysis, interpretation and creativity.
6. Develop the skills to understand, accept and relate to people of different backgrounds and beliefs. In a pluralistic world one should not be provincial or ignorant of other cultures; one's life is experienced within the context of other races, religions, languages, nationalities and value systems.
7. Be expected to have some understanding of and experience in thinking about moral and ethical problems. A significant quality in educated persons is the ability to question and clarify personal and cultural values, and thus to be able to make discriminating moral and ethical choices.

LIST COURSE OBJECTIVES (with a notation indicating which Campus Learning Objective is met.)

- History and development of electronic music (1, 2, 3, 4, 5, 6, 7)
- Use of computers in advanced music making building on basic techniques covered in K-361 (2, 3, 4, 5)

DATE OF COURSE IMPLEMENTATION: Spring 2010

DATE OF LAST REVISION (IF ANY):

Actual Course Syllabus May Contain Additional Materials

Submitted by: Elliott Miles McKinley Date: August 7, 2009