Code # FA04(Rev)

**New/Special Course Proposal-Bulletin Change Transmittal Form**

**Undergraduate Curriculum Council** - Print 1 copy for signatures and save 1 electronic copy.

**Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [mmcginnis@astate.edu](mailto:mmcginnis@astate.edu)

|  |
| --- |
| **New Course or**  **Special Course (Check one box)**  *Please complete the following and attach a copy of the catalogue page(s) showing what changes are necessary.* |

|  |  |
| --- | --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (If applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

1. Proposed Course Prefix and Number (For variable credit courses, indicate variable range.)

MUS 4221`

2. Course Title – if title is more than 30 characters (including spaces), provide short title to be used on transcripts. Title cannot have any symbols (e.g. slash, colon, semi-colon, apostrophe, dash, and parenthesis). Please indicate if this course will have variable titles (e.g. independent study, thesis, special topics).

Introduction to Music Technology (Transcripts: Intro to Music Technology)

3. Will this course be lecture only, lab only, lecture and lab, activity, dissertation, experiential learning, independent study, internship, performance, practicum, recitation, seminar, special problems, special topics, studio problems, student exchange, occupational learning credit, or course for fee purpose only (e.g. an exam)? Please choose one.

Lecture and lab

4. What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental)?

Standard letter

5. Is this course dual listed (undergraduate/graduate)?

No

6. Is this course cross listed? (If it is, all course entries must be identical including course descriptions. It is important to check the course description of an existing course when adding a new cross listed course.)

No

7. Brief course description (40 words or fewer) as it should appear in the bulletin.

An introduction to using desktop and handheld computers in music teaching, music notation, and music recording. Students must be able to read music notation in treble and bass clefs.

8. Indicate all prerequisites and if this course is restricted to a specific major, which major. (If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

a. Are there any prerequisites?

No

b. Why?

Enter text...

9. Course frequency(e.g. Fall, Spring, Summer). Not applicable to Graduate courses.

Spring

10. Contact Person (Name, Email Address, Phone Number)

Don Bowyer, dbowyer@astate.edu, 972-3053

11. Proposed Starting Term/Year

Spring, 2014

12. Is this course in support of a new program? No

If yes, what program?

N/A

13. Does this course replace a course being deleted? No

If yes, what course?

N/A

Has this course number been used in the past? No

*Submit Course Deletion Proposal-Bulletin Change Transmittal Form.*

14. Does this course affect another program? No

If yes, provide contact information from the Dean, Department Head, and/or Program Director whose area this affects.

N/A

15. Justification should include:

a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

Students will become fluent with the use of technology to support musical activities. This will be accomplished through a series of lectures followed by student projects.

b. How does the course fit with the mission established by the department for the curriculum? If course is mandated by an accrediting or certifying agency, include the directive.

Part of the mission of the Department of Music is to "prepare music majors to be highly skilled music educators, performers and/or composers." Students in this course will learn to use technolgy that is applicable to teaching, performing, and composing music. The course is not mandated by an accrediting agency.

c. Student population served.

While this course is designed for music majors, it will be open to all students with an understanding of music notation in treble and bass clefs.

d. Rationale for the level of the course (lower, upper, or graduate).

This will be an upper-level course, involving considerable individual work on directed projects. The recording component of the course will also involve group collaboration.

16. Outline (The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

Week 1: Computer sound: MIDI and digital audio basics

Week 2: Live audio: Connecting a sound system

Week 3: Computer-Assisted Instruction in Music

Week 4: Computer-Assisted Instruction in Music

Week 5: Computer-Assisted Instruction in Music

Week 6: SmartMusic

Week 7: UJAM: Automatic Backing Tracks

Week 8: Music Notation: Finale, Symphony Pro, and Noteflight

Week 9: Music Notation: Finale, Symphony Pro, and Noteflight

Week 10: Music Notation: Finale, Symphony Pro, and Noteflight

Week 11: Music Notation: Finale, Symphony Pro, and Noteflight

Week 12: Music Recording: Audacity, GarageBand, and MultiTrack

Week 13: Music Recording: Audacity, GarageBand, and MultiTrack

Week 14: Music Recording: Audacity, GarageBand, and MultiTrack

17. Course requirements (e.g. research papers, projects, interviews, tests, etc.)

Students will have one test at the end of the third week. After this, the course will be project-based, with students working independently to complete software projects.

18. Special features (e.g. labs, exhibits, site visitations, etc.)

The course will meet in the music computer lab, with time divided between the desktop computers in the lab and student-owned (or leased) iPads.

19. Department staffing and classroom/lab resources (Will this require additional faculty, supplies, etc.?)

This will not require additional resources. The course will be taught by the college dean, and will use the existing music computer lab.

20. What is the primary intended learning goal for students enrolled in this course?

Students will gain a fluency in using technology to support musical activities.

21. Reading and writing requirements:

a. Name of book, author, edition, company and year

None, but certain iPad apps will be required:

GarageBand

Symphony Pro

Multitrack

Assorted educational apps

b. Number of pages of reading required per week: Not applicable

c. Number of pages of writing required over the course of the semester: Not applicable

22. High-Impact Activities (Check all that apply)

Collaborative assignments

Research with a faculty member

Diversity/Global learning experience

Service learning or community learning

Study abroad

Internship

Capstone or senior culminating experience

Other Explain: Students will gain fluency in applying technology to music activities.

23. Considering the indicated primary goal (in Box #20), provide up to three outcomes that you expect of students after completion of this course.

**Outcome #1:** (For example, what will students who meet this goal know or be able to do as a result of this course?)

Students will understand the basics of how computers process sound.

Learning Activity:(For example, what instructional processes do you plan to use to help students reach this outcome?)

Lecture

Assessment Tool: (For example, what will students demonstrate, represent, or produce to provide evidence of their learning?)

Test  
 Rubric  
 Understanding of bits and bytes 20%  
 Understanding of MIDI concepts 20%  
 Understanding of MIDI messages 20%  
 Understanding of digital sound concepts 20%  
 Understanding of digital sound processing 20%

*(Repeat if needed for additional outcomes 2 and 3)*

**Outcome #2:**

Students will be able to identify and evaluate educational music software, including understanding the educational approach used, the subject matter, the appropriate age range, and the effectiveness of the software.

Learning Activity:

Lecture and Computer-Assisted Instruction project

Assessment Tool:

Project evaluation  
 Rubric  
 Identify teaching format(s) used 20%  
 Identify subject matter(s) covered 20%  
 Identify appropriate age group(s) 20%  
 Describe education process used 20%  
 Justify recommendation 20%

**Outcome #3**:

Students will become fluent with music notation software, including advanced layout features.

Learning Activity:

Music Notation Project

Assessment Tool:

Project evaluation  
 Rubric  
 Enter correct notes and rhythms 10%  
 Enter correct lyrics 10%  
 Enter correct figured bass 10%  
 Enter correct chord symbols 10%  
 Enter two-part staves with stems in the proper direction 10%  
 Lay out score and parts with designated system breaks 10%  
 Lay out score and parts with designated page breaks 10%  
 Lay out score and parts with designated margins 10%  
 Lay out score and parts with designated measure widths 10%  
 Lay out score and parts with designated text boxes 10%

24. Please indicate the extent to which this course addresses university-level student learning outcomes:

* 1. Global Awareness

Minimally  
Indirectly  
Directly

* 1. Thinking Critically

Minimally  
Indirectly  
Directly

* 1. Using Technology

Minimally  
Indirectly  
Directly

**From the most current electronic version of the bulletin, copy all bulletin pages that this proposal affects and paste it to the end of this proposal.**

**To copy from the bulletin:**

1. Minimize this form.
2. Go to <http://registrar.astate.edu/bulletin.htm> and choose either undergraduate or graduate.
3. This will take you to a list of the bulletins by year, please open the most current bulletin.
4. Find the page(s) you wish to copy, click on the “select” button and highlight the pages you want to copy.
5. Right-click on the highlighted area.
6. Click on “copy”.
7. Minimize the bulletin and maximize this page.
8. Right-click immediately below this area and choose “paste”.
9. For additions to the bulletin, please change font color and make the font size larger than the surrounding text. Make it noticeable.
10. For deletions, strike through the text, change the font color, and enlarge the font size. Make it noticeable.

**MUS 3551. High Brass Techniques** PERFORMANCE COURSES GROUP INSTRUCTION. Class instruction in performance and pedagogy. Two laboratory periods per week. Special course fees may apply. Fall.

**MUS 3561. Low Brass Techniques** PERFORMANCE COURSES GROUP INSTRUCTION. Class instruction in performance and pedagogy. Two laboratory periods per week. Special course fees may apply. Spring.

**MUS 416V. Special Problems** BASIC MUSIC. Independent study of approved topics for juniors and senior arranged in consultation with a professor. Department approval required. Prerequisite, Two semesters of theory or permission of instructor. Fall, Spring, Summer.

**MUS 4221. Introduction to Music Technology** BASIC USES OFTECHNOLOGY IN MUSIC. An introduction to using desktop and handheld computers in music teaching, music notation, and music recording. Students must be able to read music notation in treble and bass clefs. Spring.

**MUS 4223. Piano Literature** BASIC MUSIC HISTORY AND LITERATURE. Baroque, Classical, Romantic, and twentieth century piano music with special attention to style and level of difficulty. Prerequisite, Two semesters of theory or permission of instructor. Demand.

**MUS 4322. History of Jazz** BASIC JAZZ HISTORY AND LITERATURE. Evolution of jazz musical style in works from the early 20th century to the present. Spring.

**MUS 4323. World Music** This course will examine the music of a variety of non-western so­cieties and cultures within which the music is produced. Prerequisites, HIST 1013, HIST 1023 or permission of Instructor. Demand.