1. **COURSE ID:** MUS. 291  
**TITLE:** Electronic Music II  
**Units:** 3.0 units  
**Hours/Semester:** 40.0-45.0 Lecture hours; 24.0-27.0 Lab hours; and 80.0-90.0 Homework hours  
**Method of Grading:** Grade Option (Letter Grade or P/NP)  
**Recommended Preparation:** MUS. 290

2. **COURSE DESIGNATION:**  
**Degree Credit**  
**Transfer credit:** CSU; UC

3. **COURSE DESCRIPTIONS:**  
**Catalog Description:**  
Continue developing your electronic music production skills by focusing on MIDI sequencing and editing, audio multi-tracking, electronic orchestration, live performance, and compositional methods. Further explore and integrate synthesizers, drum machines, software plug-ins, virtual synthesizers and MIDI controllers with digital music production software, specifically Logic Pro Studio. Deepen your critical listening skills through practice, awareness of historical context of electronic music, and a greater understanding of acoustics.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**  
Upon successful completion of this course, a student will meet the following outcomes:  
1. Orchestrate electronic music compositions.  
2. Incorporate MIDI sequencing into an original musical composition.  
3. Incorporate digital audio into an original musical composition.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**  
Upon successful completion of this course, a student will be able to:  
1. Orchestrate electronic music compositions.  
2. Incorporate MIDI sequencing into an original musical composition.  
3. Incorporate digital audio into an original musical composition.

6. **COURSE CONTENT:**  
**Lecture Content:**  
The History of Sequencing  
What came before MIDI sequencers?  
The Technology and Theory of Sequencing  
What is a sequencer?  
How do sequencers work internally?  
How to program a drum machine.  
What's the difference between hardware and software sequencers?  
Music Composition  
How best can I execute my musical ideas using sequencers and MIDI?  
How can I orchestrate my music using MIDI?  
What should I listen for in my own compositions?  
How have other composers used this technology to create music?  
Music Editing  
What features on a sequencer will help me perfect my compositions and arrangements?  
Instrument Synchronization  
How can I connect my sequencer to a drum machine or other sequencer?  
Music Publishing and Printing Software  
How can I use sequencers in conjunction with publishing and printing packages?  
Digital Recording  
How can one use a computer like a digital tape recorder?  
How can one combine audio recordings with sequences?
How can one use sounds from CD-ROMs and CDs in her or his music?

7. REPRESENTATIVE METHODS OF INSTRUCTION:
   Typical methods of instruction may include:
   A. Lecture
   B. Lab
   C. Other (Specify): 1. Lectures incorporate presentations, discussions and analysis of contemporary and historical electronic music practices and technologies. 2. Labs provide demonstrations and hands-on instruction in pertinent electronic music techniques including: using digital music production software (Logic Pro 9), MIDI sequencing, MIDI editing, MIDI synchronization, multi-tracking, using plug-ins, using synthesizers and drum machines. Musical examples of numerous electronic music genres and eras are presented and analyzed in the classroom and the lab. 3. (listening activities). Midterm and Final Projects give students the opportunity to combine theory, technology, and musical creativity into cohesive works. Works are critiqued by instructor and students 4. (creative projects).

8. REPRESENTATIVE ASSIGNMENTS
   Representative assignments in this course may include, but are not limited to the following:

9. REPRESENTATIVE METHODS OF EVALUATION
   Representative methods of evaluation may include:
   A. Quizzes
   B. Students are evaluated on the basis of: written quizzes, lab assignments, oral presentation, creative project and concert performance.

10. REPRESENTATIVE TEXT(S):
    Possible textbooks include:

   Origination Date: November 2016
   Curriculum Committee Approval Date: February 2017
   Effective Term: Fall 2017
   Course Originator: Christine Bobrowski