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PROPOSAL FOR MINOR CURRICULAR CHANGES IN ELECTRONIC MUSIC II - 1004.351

1. Details

a) Changes requested

- 1004.351
1. Title change to "Computer Technology and Music II"
  2. Credit hour change from 2 to 3 credits
  3. Catalog description change from:

*(Prerequisite: 1004.350) A continuation of Electronic Music I. This course may not be offered annually.*

to

*(Prerequisites: Computer Technology and Music I 1004.350) A continuation of Computer Technology and Music I.*

b) Sponsor: Tom Wade, Music

2. Rationale:

a. Need

The title change reflects the addition of computer technology to the world of electronic music. The credit hour addition would enable a more thorough study of the subject: A current scheduling of the course at 2 credits is weak. The catalog description change reflects the new status forced by new technology.

b. Curricular Effect

The credit hour change would have a positive curricular effect in enabling a more thorough study of the subject. Adding 25 minutes to each session poses no scheduling problem.

3. Results of Consultation:

a. Parties Consulted:

Dr. Harold Oliver, responsible for acquiring the equipment through program improvement funds.

Mr. James Piccone, teacher of Electronic Music II, Spring 1991

b. Results of Consultation:

Both parties support the changes (see attachments).

**TOPICAL OUTLINE  
COMPUTER TECHNOLOGY AND MUSIC II**

**1st session**

Editing and saving timbres and patches on the U220

Assignment: edit and save one U220 timbre

**2nd session**

Bulk dumping U220 sounds onto the Performer Program and back. Continuing to edit and save U220 timbres and patches.

**3rd session**

Dumping edited U220 timbre and patch from temporary memory to personal disk and back.

Assignment: create a 2 minute composition using four edited timbres saved to personal disk.

**4th session**

Using the program Finale: entry by hand

**5th session**

Finale: "Speedy Note Entry"

**6th session**

Finale: real-time MIDI entry

Assignment: Transcribe for 3 instruments and drum set one jazz standard or popular tune

**7th-8th** Work on previous assignment

**9th session** Finale: assigning MIDI channels and output routes

Assignment: transcribe one piano/vocal score with lyrics

**10th-11th** Work on previous assignment

**12th-16th** Transcribe a short work for full band or orchestra assigning proper timbres through MIDI and Kurzweil 250



GLASSBORO STATE COLLEGE

Music Department

Glassboro, New Jersey 08028-1776 (609) 863-6041

March 4, 1991

To Whom It May Concern:

I support fully the proposed changes in Electronic Music II. Currently teaching the course, I am well aware of the constraints of the credit hours and the obsolescence of the current catalog description. I hope to be able to teach the course under the new description and credit hours.

Sincerely,

James Piccone  
Instructor  
Department of Music

JP:jhp



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time with instructor.

Increasing the credit from 2 to 3 credits will allow time for the proposed material to be covered. 110 minutes is inadequate.

4. Copy of syllabus for Computer Technology and Music I is attached.

TW:jhp  
att.

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## COMPUTER TECHNOLOGY AND MUSIC I SYLLABUS

Required materials: No text, Box of 10 disks for MacIntosh computers

Pre-requisites: Music Fundamentals or ability to read music

Session:

1. Introduction to the MacIntosh computer, Roland U220, Synthesizer and Yamaha piano
2. Introduction to the sequencing program "Professional Performer"
  - a. Windows
    - (1) controls
    - (2) tracks
    - (3) metronome
    - (4) counter
  - b. recording a scale
  - c. editing through Event Editing Window
  - d. saving the sequence
  - e. creating files
- 3-4. Recording a Bach chorale on four tracks
  - a. graphics editing
  - b. notation editing
  - c. step record
  - d. transposing
5. Assigning Roland sounds to Bach chorale tracks
  - a. editing roland sounds for volume balance
- 6-8. Recording an original ternary form work in any style
  - a. loops
  - b. song window
  - c. chunks window
9. Introduction to the composing program "Professional Composer"
  - a. Note insertion with mouse
  - b. Backspace key and "undo delete" command
  - c. Beaming, tempo marking, articulations, grace notes, slurs
10.
  1. Review of Session 9
  2. dynamics
  3. lyrics
  4. printing
11.
  1. Writing music
    - a. mouse
    - b. mouse and keyboard
    - c. midi entry
  2. Creating manuscript paper
- 12-16. Writing, editing and producing publisher quality score of an original composition of 3 minutes in length.