

El Paso Community College
Syllabus
Part II
Official Course Description

| | |
|---------------------------------|--|
| SUBJECT AREA | <u>Music</u> |
| COURSE RUBRIC AND NUMBER | <u>MUSI 1390</u> |
| COURSE TITLE | <u>Electronic Music I</u> |
| COURSE CREDIT HOURS | <u>3 3 : 0</u> Credits Lec. Lab |

I. Catalog Description

Provides a systems introduction to the study of Musical Instrument Digital Interface (MIDI) with the MIDI language. Introduces MIDI analogy and digital synthesis, sampling, sequencer, and studio layout and design. (3:0).

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Describe the evolution of MIDI technology.
- B. Explain how MIDI data is transmitted and utilized by various types of equipment.
- C. Understand the elements of MIDI code including:
 - 1. Channel voice messages.
 - 2. Channel mode messages.
 - 3. System common messages.
 - 4. System real time messages.
 - 5. System exclusive messages.
 - 6. Continuous controllers.
 - 7. Sample dump standard.
- D. Use a sequencer for manipulation of MIDI data and musical composition involving:
 - 1. Multiple tracks.
 - 2. Orchestration by using different voices.
 - 3. Patch changes.
 - 4. Real-time recording.
 - 5. Step-time recording.
 - 6. Quantization.
- E. Understand how to use MIDI to synchronize sequencers, drum machines, and audio and video tape recorders using:
 - 1. MTC (MIDI Time Code).
 - 2. SMPTE (Society of Motion Picture and Television Engineers) Time Code.

- F. Understand the role of the personal computer (PC) in the MIDI studio.
- G. Understand how to properly set up a MIDI system using In, Out, and Thru connections and other connecting hardware such as splitters, merging devices, and MIDI patch bays.
- H. Use the information presented in the MIDI implementation charts that are commonly included with MIDI equipment.

III. Evaluation

- A. Tests will be given to determine the student's progress and understanding of the course material. A minimum of three exams and a final exam will be administered.
- B. Homework and reading assignments may be given by the instructor to aid the student in learning the course material.
- C. Students will be required to complete projects involving original composition and assigned problems. Students must submit at least four projects and one final project.
- D. To determine the student's final grade, the instructor will average test scores, projects, and assignments.

Grades will be based on the following scale:

| | |
|-----------|-----|
| 90 to 100 | = A |
| 80 to 89 | = B |
| 70 to 79 | = C |
| 60 to 69 | = D |
| Below 60 | = F |

- E. Attendance requirements will be specified by the instructor and may be a factor in determining the final grade.

IV. Disability Statement (American with/Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

V. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.