Introduction to MIDI Sound Synthesis and Control
MIND 3316.001
Spring Semester 2019
Location of Class: PAC 306
Dr. Brian R. Thacker
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Email: brian.thacker@tamucc.edu
T/TH 12:30 p.m. – 1:45 p.m.

COURSE DESCRIPTION

Designed for both music majors and non-majors, this course introduces students to the Musical Instrument Digital Interface (MIDI) sequencing using computer software and keyboard synthesizers. Students learn concepts, basic theory and techniques, and the application of MIDI technology to the production of music. Hands-on projects are completed using MIDI keyboard synthesizers and sequencer software.

REQUIRED TEXT & MATERIALS


BLACKBOARD ACCESS

This class utilizes Blackboard technology for assignments and supplemental materials. Students needing access instructions or help with Blackboard can refer to the Island Online website (http://distance-education.tamucc.edu). Be sure and check the Student Resources Link (https://distance-education.tamucc.edu/student_resources.html) which includes useful documents such as Steps to Preparing Your Computer for Blackboard (https://distance-education.tamucc.edu/techreq.html).

STUDENT LEARNING OUTCOMES

The students will gain an extended comprehension MIDI technology and the ability to apply their knowledge in a variety of settings. The student will be able to create sequences, integrate control surfaces, create session lead sheets, and automate synthesizer parameters using MIDI. The student will gain the knowledge in sound design and synthesizer construction.
COURSE REQUIREMENTS

Weekly assignments and readings will be given as new techniques and principles are discussed in class. Assignments will be due weekly and discussed in depth. As the class progresses, the students will be given lab assignments in PAC 306 for practice and application of material covered in class.

GRADING PROCEDURES & POLICIES

Assessment of the student's work is based on the following criteria:

• Command and application of the material covered in the classroom.
• Command of terminology.
• Comprehension of the application of MIDI as a whole.
• The ability to utilize the equipment correctly and effectively in a timely manner as needed in the recording/mix down session.

The student's final grade will be drawn from grades received for each component of the course:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Sequencing Projects</td>
<td>25%</td>
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<tr>
<td>Synthesis Projects</td>
<td>25%</td>
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<tr>
<td>Assignments</td>
<td>20%</td>
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<tr>
<td>Performance Project</td>
<td>10%</td>
</tr>
<tr>
<td>Mid-Term Exam – Written</td>
<td>10%</td>
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<tr>
<td>Final Exam – Written</td>
<td>10%</td>
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EXAMINATIONS

There will be a mid-term and a final examination (comprehensive of the entire semester). The main purpose of the examinations is to verify that the students comprehend the techniques and principles taught in class and can readily apply them in a short period of time. There will be quizzes in written format and/or laboratory format.

COURSE OUTLINE

This is subject to change, dependent on the needs and progress of the class.

ATTENDANCE

Since every class is essential, attendance is necessary for success. If you must miss class due to an illness or emergency, please call me, or leave a message on my voice mail prior to class.

The music department's attendance policy for academic courses is the following:
• You are allowed four absences from class for any reason.
• Each tardy will count as ½ an absence.
• After the fifth absence, your final course grade will be lowered by one letter grade.
• After the sixth absence, you will receive a failing grade in the course.
ACADEMIC INTEGRITY/PLAGIARISM

University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in the loss of a letter grade.

Disabilities Accommodations
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

Academic Advising
The College of Liberal Arts requires that students meet with an Academic Advisor as soon as they are ready to declare a major. Degree plans are prepared in the CLA Academic Advising Center. The University uses an online Degree Audit system. Any amendment must be approved by the Department Chair and the Office of the Dean. All courses and requirements specified in the final degree plan audit must be completed before a degree will be granted. The CLA Academic Advising Office is located in Driftwood #203. For more information please call 361-825-3466.

Dropping a Class
I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with your academic advisor, the Financial Aid Office, and me, before you decide to drop this course. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class.

Grade Appeals
As stated in University Procedure 13.02.99.C2.03, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the
process, see University Procedure 13.02.99.C2.03, *Student Grade Appeals*. These documents are accessible online at: http://academicaffairs.tamucc.edu/rules_procedures/assets/13.02.99.C0.03_student_grade_appeals.pdf. For assistance and/or guidance in the grade appeal process, students may contact the Associate Dean’s office in the college in which the course is taught. For complete details on the process of submitting a formal grade appeal in CLA, please visit the College of Liberal Arts website, http://cla.tamucc.edu/about/student-resources.html.