Course Description:
Designed for both music majors and non-majors, this course surveys a variety of current music technologies in a hands-on learning workshop environment. Students will gain perspective on the people, procedures, software and hardware associated with the creation of music. Topics discussed include: sound and audio characteristics, components of the audio chain, digital audio workstations, audio recording, MIDI, synthesizers, samplers, computer based music notation, music and the internet, and other current trends in music technology.

Student Learning Outcomes:
1. The student will have a conceptual overview of music and technology, by combining tutorial material with essential reference material.
2. Will have a broad perspective to the many ways that people can use technology in music applications.
3. Will have a systems approach to computer understanding, planning, and implementation by stressing five components: people, procedures, data, software, and hardware.
4. Will understand hardware and software unique to music applications.
5. Will understand the conceptual and generic issues and concepts that underlie current commercial hardware and software.
6. Will understand the essential uses and applications for the computer in the teaching environment and be able to suggest specific software to meet educational needs for performing, describing, and creating music.

Required Text:
Hosken, Dan, *An Introduction To Music Technology*, Routledge, 2011:
Bring your text to every class meeting!

Blackboard and Google Access
This class utilizes Blackboard technology for assignments, exams and supplemental materials. Students are required to have access to a adequate computer, web browser and internet connection in order to perform class work. Additionally several music technology projects are performed using virtual technology found as plugins incorporated to Google Chrome.

Course Activities:
Activities will include the following:
1) Digital Sound Editing Project
2) Audio Chain Project
3) MIDI Sequencing Project
4) Virtual Synthesis Project
5) Music Notation Project

Grading:
There are five online exams, five projects and class participation for a total of 1000 points.

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tr>
<td>5 Exams</td>
<td>400</td>
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<td>5 Projects</td>
<td>400</td>
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<tr>
<td>Class Participation</td>
<td>200</td>
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<td>Total 1000 points</td>
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* Wiki grade is 2/3\(^{rd}\) of the class participation grade leaving 1/3\(^{rd}\) for verbal responses.
Class Participation:

Class participation grade is based on two components the first of which is an activity where students are placed into groups and then define terms on a Blackboard based Wiki. In class students offer verbal explanations of these concepts. Grading will be assessed by the quality and completeness of the group Wiki assignments as well as the immediate knowledge of the subject matter as discussed by students response in class.

Projects:

Projects are assigned for each module. In some cases these projects will be performed in a group setting. The due date for projects will generally be due at the end of the day before we begin a new module. Group projects require participation from all members. Group members will have a leader who will report on the contribution/participation of group members when the project is submitted for grade. Group members who do not participate risk being removed from their group which will have result in a zero for their group/project grade.

In the event that you turn in assignments or projects late, 1 letter grade will be deducted for each class meeting until it is turned in. If this is a group project then the grade deduction will apply to all members of the group. Assignments will not be accepted after one week.

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. Tardiness will count as ½ an absence. Leaving early will count as ½ an absence.

After the 5th absence the final grade will drop one letter. After 6 absences, the final grade will be an automatic F. This is a music department policy.

In the event that you are confronted with a genuine family emergency or serious personal health issue, please discuss the matter with me as soon as possible.

Class Schedule:

| Week 1 | Class Orientation, Section 1: Sound, Basic Sound Editing |
| Week 2 | Lectures and lab |
| Week 3 | Lectures and lab / Exam 1 & Project 1 Due |
| Week 4 | Section 2: Digital and Audio Recording, DAWs |
| Week 5 | Lectures and lab |
| Week 6 | Lectures and lab |
| Week 7 | Lectures and lab / Exam 2 & Project 2 Due |
| Spring Break |
| Week 8 | Section 3: MIDI and Sequencing |
| Week 9 | Lectures and lab / Exam 3 & Project 3 Due |
| Week 10 | Section 4: Synthesis and Sampling |
| Week 11 | Lectures and lab |
| Week 12 | Lectures and lab / Exam 4 & Project 4 Due |
| Week 13 | Section 5: Computer Notation and C.A.I. Survey |
| Week 14 | Lectures and lab |
| Week 15 | Lectures and lab / Exam 5 & Project 5 Due |

No Comprehensive Final Exam!

Computer Access:
**Blackboard Access:**
Students needing access instructions or help with Blackboard can refer to the TAMUCC Online website. Be sure and check the Student Resources Link which includes useful documents such as 5 Steps to Preparing Your Computer for Using Blackboard.

**Recommended Web Browsers:**
**Blackboard Access:** Generally speaking the most current versions of Microsoft Internet Explorer, Mozilla Firefox, Apple Safari is recommended by Blackboard. Please refer to the link for additional information.
**Blackboard Website Web browser FAQ**

**Access to Google Chrome with a gmail account is necessary for several class projects.**
PCs tend to have no issues running Chrome. Earlier Apple Macintosh models without intel processors are not compatible with Google Chrome. Refer to the link below for further information.
**Google Chrome Support**

**Internet Connection:**
Hard wired connections (ethernet) to cable modem are recommended for those times when one is taking an online exam. All on campus computer labs and the music lab (PAC 306) offer ideal connections.

**Fine Print:**

**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. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. The College’s Academic Advising Center is located in Driftwood 203E, and can be reached at 825-3466.

**Grade Appeals:**
As stated in University Rule 13.02.99.C2, 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 Rule 13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules Web site at http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.

**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, Room 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.

***Special Note***

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The instructor reserves the right to make changes to this syllabus. In the case where that occurs, students will be advised of any changes via an announcement on Blackboard.