



Music Technology
MUS 310 –Spring 2026
Section 01E & 02E T/R
Room 209

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COURSE INFORMATION

Materials:

Textbook(s): There is no textbook for the course
Other: An external USB Drive
A device or notebook for notetaking
Headphones/earbuds with 1/8" adapter
Access to a computer

Student Learning Outcomes:

This course provides students with the technical skills and knowledge necessary to effectively use technology in various music settings. Students will learn to:

- Use **word processing software** to create professional documents such as resumes, concert programs, and letterhead.
- Apply **spreadsheet and database tools** to manage music library inventories, student records, recruitment efforts, and financial data.
- Navigate **cloud-based management applications** for organizing inventory, communicating with students and parents, and tracking performance data.
- Utilize **music notation software** to compose, arrange, and prepare lessons, including scale exercises, piano chorales, and four-part harmony.
- Edit and process sound with **digital audio editing software**, learning key concepts like equalization, microphone placement, troubleshooting, and audio budgeting for live and recorded settings.
- Design and publish multi-page **websites** that reflect career goals and showcase creative projects.

- Explore **digital audio workstations (DAWs)** and portable apps for individual practice, classroom use, and ensemble rehearsal.
- Operate **live sound and reinforcement equipment**, including microphones, mixers, and speakers, for various performance environments.
- Integrate **music classroom hardware** such as app-based tuners, metronomes, and other teaching aids into daily instruction.

By engaging in these activities, students will acquire the practical skills necessary for success in music education, music business, and creative arts industries.

Assignments:

Many of the assignments should be able to be completed during the in-person meeting time. Success in this course is directly linked to your daily attendance.

Audio Engineering

1. **EQ Mastery Assignment:** Use GarageBand to adjust EQ settings on pre-recorded audio tracks for clarity and balance.
2. **Microphone Selection and Placement Project:** Research and present microphone options for different instruments/voices, demonstrating optimal placement for quality recording.
3. **Marching Band Audio Budget:** Create an Excel spreadsheet for a marching band audio system, including microphones, cables, mixers, and speakers, using functions like SUM and IF.
4. **Audio Troubleshooting Exercise:** Diagnose and resolve audio issues using common scenarios provided in class.

Music Notation Software

5. **Scale Exercise Creation:** Use transpose and repeat functions to create and notate scales for various instruments with a MIDI keyboard.
6. **Piano Chorale Assignment:** Compose and notate a short chorale for piano using notation software.
7. **SATB Harmony Exercise:** Create a four-part harmony in SATB format, focusing on voice leading and harmonic balance.

Word Processing

8. **Resume and CV Building:** Develop a polished, professional resume and CV using advanced word processing techniques.

Video Editing

9. **Copyright and Fair Use Research:** Research copyright laws and guidelines for using media in video projects.
10. **Editing Basics Project:** Edit a short video using transitions and text on screen, incorporating copyright-compliant footage and music.

Website Design

11. **Career Goal Website Project:** Create and publish a multi-page website that includes an "About Me" page, a resume or portfolio section, and media elements (images, video, or audio).

Artificial Intelligence

12. **AI Word Processing Exploration:** Use an AI tool to generate and proofread a professional email or project proposal.
13. **AI Image Creation Task:** Experiment with AI tools to create custom graphics or visual assets for a music-related project.
14. **AI Music Generation Assignment:** Use an AI tool to generate a short piece of music and evaluate its quality and potential applications.

Classroom Technology

15. **Music Assistance Tool Exploration:** Create lesson plans or activity outlines using platforms like CHARMS, CutTime, MusicTheory.net, or HarmonyHelper.
16. **Technology in Education Presentation:** Research how a selected classroom technology can enhance teaching and learning in a music setting.
17. **Integrated Portfolio:** Combine elements from previous assignments (audio, video, website, and AI tools) into a cohesive portfolio showcasing your work throughout the course.

Finals Week

Thursday, May 2-8, 2026

Course and University Procedures / Policies

School of Music Mission Statement:

The School of Music at East Texas A&M University promotes excellence in music through the rigorous study of music history, literature, theory, composition, pedagogy, and the preparation of music performance in applied study and ensembles to meet the highest standards of aesthetic expression.

University Mission Statement:

East Texas A&M University provides a personal educational experience for a diverse community of life-long learners. Our purpose is to discover and disseminate knowledge for leadership and service in an interconnected and dynamic world. Our challenge is to nurture partnerships for the intellectual, cultural, social, and economic vitality of Texas and beyond.

ETAMU Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [13.99.99.R0.01 Class Attendance](#)

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

School of Music Engagement Expectations

Students are expected to actively participate in all assigned components of this course. Active participation includes being present, engaged, responsive, cooperative, respectful, and professional. It may also include providing feedback, asking questions, and being supportive of class members and faculty during instruction time.

Student Expectations

Students are expected to actively participate in all classes. Notification for excused absence must be received in advance. It is the individual student's responsibility to notify the instructor of a legitimate absence in advance. It is also the individual student's responsibility to acquire any missed notes and assignments from other students and/or the instructor.

Students are expected to actively participate in all classes by coming prepared and with all assigned materials. This course is a graduate research course. Bibliographical material, repertoire, library resources, applied techniques, as well as research techniques applicable to graduate study in music specific to flute/woodwind pedagogy will be surveyed and discussed. Be prepared to spend a significant amount of time doing research and review of materials outside of class.

Students are expected to demonstrate skills in pedagogy through their observation, analysis, discussion and feedback of the performances of other students. Students are expected to gain skills in this area by the observation of teaching techniques in their own private lessons and through the observation of teaching techniques of other students in studio class, guest artist classes on campus, and optional conference attendance or optional observations of master teachers online. Students will need to submit teaching videos and acquire a waiver from the student(s) in their videos.

Attendance Policy

Students are expected to attend all classes. It is the individual student's responsibility to notify the instructor of a legitimate absence in advance. It is also the individual student's responsibility to acquire any missed notes and assignments from other students and/or the instructor. After one (1) unexcused absence, the student's final grade will be dropped by one (1) letter grade for each additional unexcused absence.

Late Assignments or Work

No Late Work accepted.

Texas Education Code – Music Education

This course content is aligned with the standards established by the Texas Education Code, covering areas such as Music, the Commissioner's Rules, Pedagogy and Professional Responsibilities, Technology, and English Language Proficiency. To review these standards, please visit the Music Education Program D2L Shell and select "Standards and Objectives."

Musician Health and Safety

As an Institutional Member of the National Association of Schools of Music, East Texas State A&M University supports the Association's commitment to student health and wellness. The following web address provides links to information for resources related to physical and mental well-being, as well as assists in offering preventative measures that students can take to avoid serious and/or chronic conditions: [Musician Health and Safety - East Texas A&M University](#)

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[13.99.99.R0.03 Undergraduate Academic Dishonesty](#)

[13.99.99.R0.10 Graduate Student Academic Dishonesty](#)

AI use policy

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course. Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism). Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Technology Requirements

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser

Support: https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universitymenu

Access and Navigation

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a ETAMU campus open computer lab, etc.

Communication and Support

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

East Texas A&M University Supports Students' Mental Health

The Counseling Center at East Texas A&M, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit <https://www.etamu.edu/counseling-center/>

Students with Disabilities-- ADA Statement

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 have a disability requiring an accommodation, contact the Office of Student Disability Services at 903-886-5150, 903-886—5835; email studentdisabilityservices@etamu.edu; online at

[Student Disability Services](#)

or in-person in Room 162 of the Velma K. Waters Library.

Tenets of Common Behavior

All students enrolled at the university shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See current Student Guidebook)

Campus Concealed Carry Statement

Campus Concealed Carry - Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East A&M Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to

[34.06.02.R1 Carrying Concealed Handguns On Campus](#)

and/or consult your event organizer). Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.