

SYLLABUS
School of Music
University of Florida

Music Learning with Technology

MUE 2680 (2 credit hours)

Spring 2019
Tue/Thr 9:35-10:25
MUB 147

Instructor: Barry Hartz, Ph.D.

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Course Description

This class will explore the role of digital technologies in creating, performing, and responding to music, with applications to the practice of PK-12 music educators and the cultivation of lifelong music learning and participation. A primary emphasis of the course will be the development of students' musical technological pedagogical and content knowledge. The technological focus of the class will include music notation software, MIDI and digital audio, instructional computer programs, internet resources for music learning, social media, and productivity tools.

Course Objectives

Through participation in class discussions and completion of class readings and projects, students will accomplish the following objectives.

1. Discuss research and best practices related to creating, performing, and responding to music with technology.
2. Describe the affordances and constraints of technologies that may be used for music teaching and learning.
3. Utilize and describe technologies for facilitating communication and productivity for music educators.
4. Demonstrate proficiency in using music notation software.
5. Compare and contrast MIDI and digital audio; demonstrate proficiency in creating and manipulating MIDI and digital audio files.
6. Identify, evaluate, and catalog software and internet resources for music learning.
7. Make connections among curricular outcomes, pedagogies, and technologies.
8. Design lessons and develop instructional resources for technology-assisted music learning
9. Explain ways in which technologies can be utilized to assess music learning.
10. Describe technology equipment needs for music classrooms.
11. Develop a personal learning network for ongoing professional development.

Required Text

Bauer, W. I. (2014). *Music learning today: Digital pedagogy for creating, performing, and responding to music*. New York, NY: Oxford University Press. [ISBN: 978-0199890613].

Supplemental Resources

- The textbook for this class has a companion website at <http://digitalmusicking.com>
- Students will utilize tutorials from LinkedIn Learning, accessed via e-Learning Support Services see <https://training.it.ufl.edu/linkedin/>
- Additional selected readings may be accessed via the Canvas course site.

Class Attendance

Prompt and consistent attendance is a fundamental aspect of professionalism and essential to the success of both students and teachers. University policies regarding excused absences in cases of illness, serious family emergency, military obligation, severe weather, religious obligation, official University activities, and court-imposed obligations will be followed in this course. Anticipated absences must be documented and approved by the instructor in advance. Students are responsible for contacting Dr. Hartz prior to the start of class in the event of an unanticipated emergency. ***Students will be afforded two excused absences without penalty. Each additional absence will result in a 3% lowering of the final grade for the course.*** In accordance with University policy, students will be afforded a reasonable amount of time to make up work missed due to an excused absence. It is each student's responsibility to make arrangements to complete missed work. Additional information regarding University attendance policies is available at: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Musicians understand that arriving prior to the beginning of a rehearsal is essential to being prepared to begin on time. Class will begin every day promptly at the appointed time. Being on time will be defined as being in place with materials ready. This will require arriving prior to the start of class. ***Three late arrivals will result in the same final grade penalty as an unexcused absence (3% penalty applied to the final course grade).***

Communication

Students are expected to check their UF email account daily for course announcements. All communication is expected to be professional and courteous. When contacting a professor, TA, or classmate, begin your email with a greeting and sign your name at the conclusion of the message. If you send an email during the week (M-F), you can expect a reply within 24 hours (barring extenuating circumstances). In addition, all members of this course are expected to regularly check the Canvas page, since all course information and materials will be housed there.

Assignment Completion and Submission

Completing work thoroughly and on time is another fundamental aspect of professionalism essential to success as a student or teacher. Assignments are due on the announced due date. Students will be afforded a one-week grace period for all assignments during the first 14 weeks of class. Students requiring more than one week to submit an assignment may request an extension prior to the original due date and will be granted up to one additional week. Extensions

will be limited to two (2) per student per semester. *Extensions will not be granted during the final week of classes.* Since students do not master skills at the same pace, students are encouraged to ask for additional time, help, and modifications as needed to complete assignments. Please make arrangements with the instructor if you experience extenuating circumstances that you feel necessitate any modification to an assignment or due date. Due dates published in this syllabus are subject to change based on the progress of the class.

Students Requiring Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Additional Support

Contact information for the Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Course Evaluation

Your feedback is essential to assuring that this course prepares you for the rigors of the music teaching profession and provides the support you need to thrive. Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu>.

Class Demeanor

This class involves continuous active participation. You will be too busy listening, singing, moving, thinking, and playing to eat breakfast, drink coffee, or consult your phone. As professionals, we will be open to and respectful of diverse opinions expressed by students and instructors.

University Honesty Policy

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TA in this class.

Assessment

Assignment	Percent of Grade
Notation Projects	21%
Composition Projects	7%
Audacity Projects	7%
Spotify Project	4%
Reading Reflections	28%
Google Tools	14%
ePortfolio	5%
Midterm Exam	6%
Final Exam	6%

Grading Scale

93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
0-59	F

Additional information on grades and grading policies is available here:
<https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Course Calendar

<p>Week 1 – JAN 7</p>	<p>Conceptual framework for technology-assisted music learning: Musical Technological Pedagogical and Content Knowledge (M-TPACK)</p> <p>* No Class THR, JAN 9 (FMEA conference)</p> <p>assignments: Bauer, CH 1 Reflection due SUN, JAN 19</p>
<p>Week 2 – JAN 14 & 16</p>	<p>Music Notation Software Note Entry</p> <p>assignments: Musescore Note Entry due SUN, JAN 19 Noteflight note entry due SUN, JAN 19</p>
<p>Week 3 – JAN 21 & 23</p>	<p>MuseScore – Bach Menuet and Closer Walk</p> <p>assignments: Bach Menuet due SUN, JAN 26 Bauer, CH 2 Reflection due SUN, JAN 26 Read Manzo, CH 1 and Acoustics Vocabulary Handout Closer Walk due SUN, FEB 2</p>
<p>Week 4 – JAN 28 & 30</p>	<p>Fundamentals of Sound, MIDI & Digital Audio MuseScore – Island Dreams</p> <p>assignments: Island Dreams due SUN, FEB 9 Read Manzo, CH 1 and Acoustics Vocabulary Handout Manzo Online Quiz – in class THR, JAN 30 Lead Sheet Draft due in class – THR, FEB 6</p>
<p>Week 5 – FEB 4 & 6</p>	<p>Creating Instructional Materials - MuseScore Lead Sheet</p> <p>assignments: Bauer, CH 3 Reflection due SUN, FEB 9 Lead Sheet Draft due in class THR, FEB 6 Musescore Lead Sheet due SUN, FEB 16</p>
<p>Week 6 – FEB 11 & 13</p>	<p>Creating Music with Technology – Music Production Software - Incredibox</p> <p>assignments: Incredibox Project & Reflection due SUN, FEB 16</p>
<p>Week 7 – FEB 18 & 20</p>	<p>Creating Music with Technology - Soundtrap</p> <p>assignments: Bauer, CH 4 Reflection due SUN, FEB 23 Soundtrap Certification due SUN, MAR 1</p>

Week 8 – FEB 25 & 27	Midterm Exam – Bauer, CH 1-4 Midterm Review – TUE, FEB 25 Midterm Exam (Bauer, CH 1-4) – THR, FEB 27
Week 9 – MAR 10 & 12	Creating Music with Technology – Soundtrap Compositions assignments: Bauer, CH 5 Reflection due SUN, MAR 15 Soundtrap Discussion Post due SUN, MAR 15 Soundtrap Discussion Replies due FRI, MAR 20
Week 10 – MAR 17 & 19	Recording & Editing Music with Audacity assignments: Bauer, CH 6 Reflection due SUN, MAR 22 Audacity Projects due SUN, MAR 22
Week 11 – MAR 24 & 26	Performing Music with Technology – Audacity Improvisation Project assignments: Audacity Improv Project due SUN, MAR 29
Week 12 – MAR 31 & APR 2	Responding to Music and Designing Instruction with Technology – Spotify Project assignments: Bauer, CH 7 Reflection due SUN, APR 5 Spotify Project due SUN, APR 5
Week 13 – APR 7 & 9	Delivering Instruction and Assessing Learning with Technology – Google Tools Projects Google Tools Project due SUN, APR 12
Week 14 – APR 14 & 16	Professional Development - ePortfolio Bauer, CH 8 Reflection due SUN, APR 19 ePortfolio Reflection drafts due FRI, APR 17 ePortfolio due FRI, APR 24
Week 15 – APR 21	Professional Development - ePortfolio
Final Exam – FRI, MAY 1 10 am – 12 pm MUB 147	

This syllabus is a guide and will be adjusted as needed to meet the needs
and progress of the class.