

SYLLABUS
School of Music
University of Florida

Music Learning with Technology

MUE 2680 (2 credit hours)

Spring 2023

Tue/Thr 10:40-11:30

MUB 147

Instructor: Barry Hartz, Ph.D.

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Office Hours: As posted or by appointment

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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. (2020). *Music learning today: Digital pedagogy for creating, performing, and responding to music (2nd ed.)*. New York, NY: Oxford University Press. [ISBN: 978-0197503713].

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

1. Prompt and consistent attendance is a fundamental aspect of professionalism and essential to the success of both students and teachers.
2. 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.
3. Timely communication is also an essential aspect of professionalism and academic success. Students must inform the instructor of any planned absences prior to the beginning of class. For all unplanned absences because of accidents or emergency situations, students should contact the instructor as soon as conditions permit.
4. Students will be permitted two (2) absences without documentation and without consequence as long as timely notification is provided to the instructor. These absences are intended to accommodate illness, transportation issues, schedule conflicts, religious obligations, and any other University defined reasons for absence.
5. All students will begin the semester with 10 bonus points for attendance. For each of the first two absences, 5 bonus points will be deducted when the student provides timely notification. Ten points will be deducted for each unexplained absence without notification.
6. Each absence beyond the initial three will result in a 10-point deduction from the course grade. Two late arrivals will have the same effect as an absence.
7. Attendance records will be posted in Canvas, and it is the student's responsibility to monitor their attendance. The instructor will respond to notifications of absence and notify any student accumulating five (5) absences.

8. Any student experiencing prolonged absence due to extended illness, military service, court-imposed legal obligations, or other University defined reasons is responsible for contacting the instructor to formulate a plan for completing the course requirements.
9. Any student accumulating ten (10) absences will not be able to earn a passing grade and may be removed from the course.
10. Additional information regarding university attendance policies is available [HERE](#).

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

1. Completing work on time is another fundamental aspect of professionalism and academic success.
2. All work must be submitted via Canvas except for some assignments that will be completed and submitted on paper. Please do not email assignments to the instructor. Emailed assignments will be returned ungraded.
3. Assignments are due on the announced due date and will be available for one week after the due date. This grace period will not be available during the last week of the semester. No assignments will be accepted after the last day of finals week.
4. Students completing an assignment after the initial one-week grace period must contact the instructor and request that the submission window for the assignment be re-opened. Assignments submitted after the initial grace period will be graded with a one-grade penalty. Late submissions will be limited to three (3) assignments during the semester and will not be accepted beyond two (2) weeks from the original due date.

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	25%
Composition Projects	25%
Audacity Projects	5%
Spotify Project	5%
Reading Reflections	20%
Music Program Website	10%
ePortfolio	10%

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 TUE, JAN 10</p> <p>Theoretical Framework: TPACK MODEL</p> <p>assignments:</p> <ol style="list-style-type: none">1. Read Bauer, CH 12. Bauer, CH 1 Reflection due SUN, JAN 15	<p>THR, JAN 12</p> <p>NO CLASS FMEA CONFERENCE</p>
<p>WEEK 2 TUE, JAN 17</p> <p>Muscore Note Entry</p> <p>assignments:</p> <ol style="list-style-type: none">1. Muscore Note Entry due SUN, JAN 15	<p>THR, JAN 19</p> <p>Muscore Demo – Bach Menuet</p>
<p>WEEK 3 TUE, JAN 24</p> <p>Individual work – Bach Menuet</p> <p>assignments:</p> <ol style="list-style-type: none">1. Menuet due SUN, JAN 222. Bauer, CH 2 Reflection due SUN, JAN 293. Closer Walk due SUN, FEB 5	<p>THR, JAN 26</p> <p>Muscore Demo – Closer Walk</p>
<p>WEEK 4 TUE, JAN 31</p> <p>Individual work – Closer Walk</p> <p>assignments:</p> <ol style="list-style-type: none">1. Island Dreams due SUN, FEB 122. Bauer, CH. 3 Reflection due SUN, FEB 123. Lead Sheet Draft due in class THR, FEB 9	<p>THR, FEB 2</p> <p>Creating a Lead Sheet Demo</p>

<p>WEEK 5 TUE, FEB 7</p> <p>MuseScore Demo – Island Dreams</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 3 Reflection due SUN, FEB 12 2. Lead Sheet Draft due in class THR, FEB 9 3. Island Dreams due SUN, FEB 19 4. Completed Lead Sheet due SUN, FEB 19 	<p>THR, FEB 9</p> <p>Provide Feedback on Lead Sheet Drafts</p> <p>Individual work on Island Dreams and Lead Sheet</p>
<p>WEEK 6 TUE, FEB 14</p> <p>Creating Music with Technology: Introduction to BandLab</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 4 Reflection due SUN, FEB 26 2. BandLab Beats Projects due SUN, FEB 26 	<p>THR, FEB 16</p> <p>BandLab Project Beat-Making Demo</p>
<p>WEEK 7 TUE, FEB 21</p> <p>Individual work – BandLab Beat Projects</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 4 Reflection due SUN, FEB 26 2. BandLab Beats Projects due SUN, FEB 26 	<p>THR, FEB 23</p> <p>Individual work – BandLab Beat Projects</p>
<p>WEEK 8 TUE, FEB 28</p> <p>BandLab Improvisation Project Demo</p>	<p>THR, MAR 2</p> <p>BandLab Blues Project Demo</p>

<p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 5 Reflection due SUN, MAR 12 2. BandLab Improvisation Project due SUN, MAR 12 3. BandLab Blues Project due SUN, MAR 26 	
<p>WEEK 9 TUE, MAR 7</p> <p>Independent work – BandLab Improvisation and Blues Projects</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 5 Reflection due SUN, MAR 12 2. BandLab Improvisation Project due SUN, MAR 12 3. BandLab Blues Project due SUN, MAR 26 4. Bauer, CH 6 Reflection due SUN, MAR 26 	<p>THR, MAR 9</p> <p>Independent work – BandLab Improvisation and Blues Projects</p>
<p>SPRING BREAK MAR 13-17</p>	
<p>WEEK 10 TUE, MAR 21</p> <p>Audacity Demo</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 6 Reflection due SUN, MAR 26 2. BandLab Blues Project due SUN, MAR 26 3. Audacity Projects due SUN, APR 2 4. Spotify Project due SUN, APR 2 	<p>THR, MAR 23</p> <p>Responding to Music with Technology: Introduction to Lesson Planning & Spotify</p>

<p>WEEK 11 TUE, MAR 28</p> <p>Google Sites Demo</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Audacity Projects due SUN, APR 2 2. Spotify Project due SUN, APR 2 3. Bauer, CH 7 Reflection due SUN, APR 9 4. Music Program Website Project due SUN, APR 9 	<p>THR, MAR 30</p> <p>Independent work – Music Program Website Project</p>
<p>WEEK 12 TUE, APR 4</p> <p>Independent work – Music Program Website Project</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 7 Reflection due SUN, APR 9 2. Music Program Website Project due SUN, APR 9 3. Bauer, CH 8 Reflection due SUN, APR 23 	<p>THR, APR 6</p> <p>Independent work – Music Program Website Project</p>
<p>WEEK 13 TUE, APR 11</p> <p>Independent work – Music Program Website Project</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 8 Reflection due SUN, APR 23 2. ePortfolio Reflection Drafts due SUN, APR 23 3. ePortfolio due SUN, APR 30 	<p>THR, APR 13</p> <p>ePortfolio Demo</p>

<p>WEEK 14 TUE, APR 18</p> <p>Individual work - ePortfolio</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. Bauer, CH 8 Reflection due SUN, APR 23 2. ePortfolio Reflection Drafts due SUN, APR 23 3. ePortfolio due SUN, APR 30 	<p>THR, APR 20</p> <p>Individual work - ePortfolio</p>
<p>WEEK 15 TUE, APR 25</p> <p>Individual work - ePortfolio</p> <p>assignments:</p> <ol style="list-style-type: none"> 1. ePortfolio due SUN, APR 30 	<p>THR, APR 27</p> <p>No Class – UF Reading Day</p>

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