

*SYLLABUS*  
School of Music | University of Florida  
***Technology Assisted Music Learning***  
MUE 6696 | Fall A 2020 | 3 credits

| <b><i>Class #</i></b> | <b><i>Professor</i></b> | <b><i>Email</i></b>  |
|-----------------------|-------------------------|----------------------|
| 26092                 | Dr. William I. Bauer    | wbauer@ufl.edu       |
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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 lifelong music learning and participation. A primary emphasis of the course will be the development of students' Musical Technological Pedagogical and Content Knowledge (M-TPACK). 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.

### **OFFICE HOURS**

There are no specific office hours for this course as the instructor may be contacted at any time via the Canvas messaging system or his UF email address. Messages will be responded to within 24 hours during the week and 48 hours on the weekend. If a phone or video chat consultation is desired, those may be arranged directly with the instructor.

### **REQUIRED TEXT**

Bauer, W. I. (2020). *Music learning today: Digital pedagogy for creating, performing, and responding to music* (2<sup>nd</sup> ed.). Oxford University Press. ISBN: 9780197503713 [[Kindle version](#) is also available].

### **ADDITIONAL 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 as indicated in the weekly schedule will be available for download from the Canvas course site.
- A USB MIDI Keyboard for use as an input device with music notation and DAW software is not required, but it is recommended. If you do not already own an appropriate MIDI keyboard, the [M-Audio Keystation Mini 32 MK3](#) is an inexpensive option that would be satisfactory. Note that this keyboard, available through various resellers, works fairly well as an input device, but does not have self-contained sounds and would probably not be the best choice as a performing instrument.

## **COURSE GOALS/LEARNING OUTCOMES**

Through full participation in this course, the graduate music education student will:

1. discuss the role of technology in music education;
2. compare and contrast MIDI and digital audio;
3. identify types of music software and evaluate software titles;
4. catalog Internet resources that can be used for music learning;
5. discuss research and best practices related to creating, performing, and responding to music;
6. describe the affordances and constraints of technologies with application to creating, performing, and responding to music;
7. make connections among curricular outcomes, pedagogies, and technologies;
8. describe ways in which technologies can be utilized to assess music learning;
9. design lessons and develop instructional resources for technology-assisted music learning; and
10. develop a personal learning network for ongoing professional development

## ***COURSE POLICIES***

### **WORKLOAD AND ASSIGNMENTS**

This graduate course requires considerable reading, along with discriminating reflection, writing, and discussion. Be prepared to devote the time necessary to be successful. The compressed format of this online course will require 15-18 hours of work per week to meet course expectations. *Late work will not be accepted unless prior arrangements have been with your instructor.*

### **EMAIL**

Your UFL email account is the official email address used by the University, where official correspondence is sent. Important communication regarding this course may take place using your UF email address and/or the Canvas messaging system. All students need to regularly check both of these at least once per day. Make checking them part of your daily routine. Likewise, unless there are extenuating circumstances, when you send your instructor an email or Canvas message during the week (M-F) you can expect a reply within 24 hours. Instructors will reply on weekends as they are able.

### **COURSE TECHNOLOGY**

Students taking this course must have access to the following equipment and software:

- A recent computer running a current version of the operating system (no later than two years old). Computer should have sufficient RAM (8GB or more) and a large hard drive (128GB or larger).
- 1366 x 768 or higher resolution monitor
- Speakers and headphones/earbuds
- Webcam (can be integrated with your computer or laptop)
- High speed Internet connection

## ***UF POLICIES***

### **UNIVERSITY POLICY ON ACCESSIBILITY**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center (DRC) by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

### **UNIVERSITY ACADEMIC HONOR 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://sccr.dso.ufl.edu/process/student-conduct-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 of this class.

### **HEALTH AND WELLNESS RESOURCES**

- U Matter, We Care: If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352-392- 1575 so that a team member can reach out to the student.
- Counseling and Wellness Center  
<http://www.counseling.ufl.edu/cwc/Default.aspx>, 352-392-1575;  
and the University Police Department: 352-392-1111 or 9-1-1 for emergencies.
- Sexual Assault Recovery Services (SARS)  
Student Health Care Center, 352-392-1161
- University Police Department  
352-392-1111 (or 9-1-1 for emergencies) – <http://www.police.ufl.edu/>

### **COURSE EVALUATION PROCESS**

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>

## ***ASSIGNMENTS***

Please see the course site in Canvas for complete details of each week's activities and the assignment due dates. All assignments are due on the date specified. Grades on late assignments will be lowered by 10% for each day they are late. No credit will be given for assignments received later than two weeks following the due date. An exception to this policy is if the student is personally ill (doctor's excuse required) or has a death in his/her immediate family. The student should contact the instructor immediately upon his/her return to make arrangements to complete missed assignments at the earliest possible date.

### **ASSESSMENT**

| <b>Item</b>                                                                                             | <b>When</b>                             | <b>Percentage of Final Grade</b> |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------|
| Start-up Activities (Videochat, Twitter username, personal introduction to the class)                   | Module 1                                | 3                                |
| Discussion Participation                                                                                | Modules 1-7                             | 10                               |
| Weekly PLN Engagement                                                                                   | Modules 1-8                             | 5                                |
| Blog Reflections                                                                                        | Modules 1-7                             | 10                               |
| Reaction Reports                                                                                        | Modules 3, 4, & 6                       | 5                                |
| Notation Projects = MuseScore (50%) & Noteflight (50%)                                                  | Module 2                                | 10                               |
| BandLab Project                                                                                         | Module 3                                | 10                               |
| Audacity Projects = "Bart" (35%) and Remix (65%)                                                        | Module 4                                | 5                                |
| Software and Web Resources = Instructional Software Evaluation (50%) & Social Bookmarking Project (50%) | Module 5                                | 10                               |
| Spotify Project                                                                                         | Module 5                                | 5                                |
| Google Tools = Google Forms Quiz (50%) and Administrative Projects (50%)                                | Module 7                                | 5                                |
| WebQuest Project (16% Plan, 84% WebQuest)                                                               | Plan – Module 6;<br>WebQuest – Module 8 | 12                               |
| ePortfolio                                                                                              | Module 8                                | 10                               |

### **Grading Scale**

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

## ***COURSE OUTLINE***

Module details and specific assignments can be found in Canvas.

### **Module 1**

***A Conceptual Framework for Technology Assisted Music Learning***

**August 24 – August 30**

### **Module 2**

***Creating Music with Technology: An Overview of Creativity and Improvisation***

**August 31 – September 6**

### **Module 3**

***Creating Music with Technology: Focus on Composition***

**September 7 – 13**

### **Module 4**

***Performing Music with Technology***

**September 14 – 20**

### **Module 5**

***Responding to Music with Technology***

**September 21 – 27**

### **Module 6**

**Instructional Design and Technology**

**September 28 – October 4**

### **Module 7**

**Musical Assessment and Professional Productivity with Technology**

**October 5 – October 11**

### **Module 8**

***Coda***

**October 12-14**