

MUSC 3230  
TECHNOLOGY IN COMPOSITION AND IMPROVISATION  
UNIVERSITY OF WEST GEORGIA—DEPARTMENT OF MUSIC

COURSE SYLLABUS

**Instructor:** Dr. Josh Byrd  
**Office:** HUM 340  
**Phone:** 678-839-6267  
**Email:** jbyrd@westga.edu

**Term:** Fall 2019  
**Class Times:** WF 8:40/8:30-9:50 AM  
**Location:** HUM 141  
**Office Hours:** By Appointment

**Course Description:**

Beginning studies in combining musical elements in an artistic fashion by using the tools of music technology. Students complete composition projects and study basic improvisation techniques.

*Please note that the information contained in this syllabus may be altered  
by the instructor at any point during the semester  
in order to adapt to the pace or needs specific to the current class.*

**Class Objectives:**

This class serves as an introduction to the incorporation of technology in music performance, production, and education. Students will work with Sibelius notation software, GarageBand, Logic Express, and a number of other programs, using these programs to produce materials that can be incorporated into careers in composition, performance, and education. Students will also study basic recording and improvisation techniques as well as using digital audio/image files in conjunction with emails, papers, and presentations.

1. Learn how to integrate music technology into a career involving both teaching and performing music.
2. Edit, arrange, and adapt music using Sibelius music notation software.
3. Learn teaching and performance techniques in improvisation.
4. Develop a fundamental understanding of basic recording techniques and digital music manipulation.
5. Become familiar with digital studio editing and microphones.
6. Be able to combine virtual instruments into existing acoustic tracks (and vice-versa).
7. Learn how to efficiently distribute digital audio, video, and image files as well as understand current file types and how to use them.
8. Use the Internet to obtain and manipulate a variety of publicly available audio, video, and image files.

**Required Materials:**

1. Google Drive, DropBox, or USB backup drive
2. Headphones
3. Pencil

**Attendance Policy:**

Do not miss class or arrive late to class. If you must miss a class, please email Dr. Byrd at least one day in advance. Following two unexcused absences your grade will be lowered by five points (93 to 88, etc.) for each subsequent absence. **Please arrive early in order to make sure your computer station is set up and running correctly; late entrances will not be tolerated and may result in students being marked absent for that class day.**

**Student Expectations:**

Because this is a “hands-on” course, student attendance and participation are vital for student success. Although some class time will be provided for assignments, additional lab time will be available (and necessary) throughout the week. All assignments must be completed and turned in on time. **Any material submitted late can only earn a “C” as its highest grade. Late submissions will not be accepted following a calendar week past the due dates.** Late work will rarely be accepted, even if you were absent from class that day. Make up exams will only be given for excused absences.<sup>1</sup> *Note: all “homework” assignments are due by 8:30 am on the day that they are due!*

**Evaluation:**

The following formula will be used to determine your semester grade:

Unit Projects	25%
Homework	20%
In-class Assignments	20%
Quizzes/Tests	15%
Midterm Project	10%
Final Project	10%

**Grade Scale:**

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

**University of West Georgia Honor Code:**

Please refer to the University’s honor code regarding academic honesty and student integrity (<http://www.westga.edu/~handbook/index.php?page=honorcode>).

**Email Policy:**

*PLEASE NOTE THAT ANY EMAIL MISSING A HEADER, GREETING, EMAIL BODY, AND/OR SIGNATURE WILL NOT BE ANSWERED.* This includes assignment and project emails!

**Disability Services:**

All students are provided with equal access to classes and materials, regardless of special needs, temporary or permanent disability, special needs related to pregnancy, etc. If you have any special learning needs, particularly (but not limited to) needs defined under the Americans with Disabilities Act, and require specific accommodations, please do not hesitate to make those known, either yourself or through the Coordinator of Disability Services. Students with documented special needs may expect accommodation in relation to classroom accessibility, modification of testing, special test administration, etc. For more information, please contact Disability Services at the University of West Georgia. Any

student with a disability documented through Student Services is encouraged to contact the professor right away so that appropriate accommodations may be arranged. In addition, certain accommodations (which will be discussed in class) are available to all students, within constraints of time and space.

### **Syllabus Information:**

Please visit <http://tinyurl.com/UWGSyllabusPolicies> should you wish to review the University's syllabus policies.

### **Notable Dates:**

- Friday, October 4—UWG Fall Break
- Monday, November 25-Friday, November 29—Thanksgiving Break

### **Tentative Calendar:**

- **8/14:** Introductions, Syllabus, Survey, Incorporating Technology, Introduction to Sibelius
- **8/16:** Introduction to Sibelius (continued)
- **8/21:** Introduction to Sibelius (continued), **SIBELIUS QUIZ #1**
- **8/23:** Transcriptions, Microsoft Word and PowerPoint, Sibelius Project Overview
- **8/28:** **SIBELIUS QUIZ #2**, Sibelius Percussion
- **8/30:** IMSLP (online class)
- **9/4:** Introduction to Improvisation/Arranging
- **9/6:** Improvisation/Arranging (cont.),
- **9/11:** **SIBELIUS QUIZ #3**
- **9/13:** Introduction to Garage Band and Recording
- **9/18:** Garage Band and Recording (continued), **IMPROVISATION QUIZ #1**
- **9/20:** Garage Band and Recording (continued), Midterm Project Overview
- **9/25:** Dedicated Lab Time for Sibelius Project— **SIBELIUS PROJECT DUE**
- **9/27:** Garage Band and Recording (online class)
- **10/2:** Recording and Editing
- **10/4:** Fall Break
- **10/9:** Copyrights, "Free" music (audiojungle.net, bensound.com, etc.)
- **10/11:** **IMPROVISATION QUIZ #2**
- **10/16:** **MIDTERM PROJECT DUE**
- **10/18:** QuickTime and screen capture (online class)
- **10/23:** Silent Movie Project Overview, iMovie
- **10/25:** Importing Audio and Video Files (QDownloader.net, etc.)
- **10/30:** Final Project Overview
- **11/1:** Websites, mobile device apps
- **11/6:** Silent Movie Project—Dedicated Lab Time
- **11/8:** "Dissertations", **SILENT MOVIE PROJECT DUE**
- **11/13:** Technology Helpers—recorders/cameras, file ext., MIDI, Dropbox, iPads
- **11/15:** MIDI creation, editing, and manipulation, Wrap-up
- **11/20:** Dedicated Lab Time for Final Projects
- **11/22:** Dedicated Lab Time for Final Projects
- **11/24-29:** Thanksgiving Break
- **12/2:** **FINAL PROJECTS DUE BY 11:59 PM**
- **12/4:** **FINAL PROJECT PERFORMANCES**

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<sup>1</sup> Students are responsible for contacting the instructor regarding missed work and absences (whether or not it is excused or unexcused).