

## MUS 1360 Intro to Music Technology | Syllabus

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Class times: M, T, W, R, F  
Period 6 (3:30 PM – 4:45 PM)  
(MUB 147)

Instructor: Diogo Carvalho  
Email: dcarvalho@ufl.edu  
Office Hours:  
TBA

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### Course Description

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MUS1360 introduces the fundamentals of music technology in the context of its historical and cultural use. Scientific foundations of acoustics, hearing, and digital audio as well as technical skills for music production will be addressed; students will work on practical applications of these concepts and techniques. Furthermore, the instructor will encourage students to critically explore cultural aspects of music technology.

### Required Textbooks

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Hosken, Dan. *An Introduction to Music Technology*. 2nd ed. New York, NY: Routledge, 2015.

Publisher link [here](#). Other example [here](#).

(to visit the textbook's website, click [here](#).)

### Required Materials

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USB flash drive

Google drive account

Headphones/earphones

### Course Content

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Introduction to sound, audio, digital audio editing and processing, MIDI, music notation, and website design for musicians.

### Course Objectives

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Provide students definitions, critical knowledge, and practical experience of fundamental music technology topics, encompassing the items described in the Course Content.

## Course Expectations

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### *The students should:*

Read the Syllabus and all announcements and assignments thoroughly.

Reserve a reasonable amount of time for homework (practicing, reading, listening, etc.) according to the demands of the course. Normally students need 6 to 8 hours a week for this class.

Maintain a professional, respectful attitude towards other students and your instructor.

Actively engage in every class, paying attention to the instructor and to other colleagues' activities.

Not spend the class looking at their computers, unless instructed to do so. The instructor of this course is a living person, that exists outside the computer!

Follow their progress on Canvas. Access [elearning.ufl.edu](http://elearning.ufl.edu) for more information.

Notify your instructor in case of any difficulty with the course—the instructor will help you!

### *The instructor should:*

Present content considering different types of learners.

Maintain a professional, respectful attitude towards students.

Carefully listen to students' questions and demands, and be prepared to help them to learn.

Inspire students to enjoy all the activities of the course, and ultimately, music itself!

Provide feedback regarding student's progress.

## Evaluation information

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### *Students*

1. Written exams – May consist of quizzes, exams, and or special class assignments. Please see below one example question from a written exam:

The human ear can be divided into three basic parts: the outer ear, the middle ear, and the inner ear. The inner ear consists of the cochlea, which transforms mechanical energy into:

- |                       |                    |
|-----------------------|--------------------|
| a. kinetic energy     | c. neural impulses |
| b. frequency impulses | d. thermal energy  |

2. Projects – Practical activities to be realized using specific software and techniques discussed in class.
3. Reading reflections – Half a page text written as a response to the readings.
4. Assignments/homework – Mostly will consist of suggested activities from the textbook.
5. Attendance – Please see information in the grading section, below.

N.B.: Communication is not only writing/saying something; it is also what the reader/listener UNDERSTANDS from what has been written/said! With that in mind, students must ensure to clearly communicate their ideas, projects, responses, and answers.

### *Instructor*

1. One or two instructor/course evaluations per semester. Students may keep anonymity.
2. Students are welcome to inform the instructor, by email or during office hours, of any suggestions, complaints, and critiques.
3. 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 and students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.
4. Students in this class are participating in the pilot evaluation of the new course evaluation system called GatorEvals. The new evaluation system is designed to be more informative to instructors so that teaching effectiveness is enhanced and to be more seamlessly linked to UF's CANVAS learning management system. Students can complete their evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Thank you for serving as a partner in this important effort.

### **Grading**

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1. Written exams/quizzes = 20%
2. Projects = 50%
3. Reading reflections = 10%
4. Assignments/homework = 10%
5. Attendance = 10%

Each class missed without a documented reason will deduct a percentage of the total attendance grade. Missing more than 5 classes implicates an E grade (failure).

*\* More about attendance and other details:*

- A documented reason for missing a class might be: medical report, concerts or special events, and death in the family.
- A documented reason for missing a class might NOT BE: broken alarms, tiredness, alligator in the way, or traffic.
- Students must inform (via email) the instructor about an absence at least 24 hours before the beginning of class.
- Special cases should be informed to the instructor, who might consider other reasons for excusing absences, following the norms of the University of Florida.

- No late work will be accepted unless one reason, from the ones presented above, is given.
- Tardiness is not allowed. The class begins exactly at the allotted time.
- Attendance will be verified in the beginning of every class.
- Students are responsible for learning the content of a missed class, and might (or should!) use office hours to prevent staying behind.

\* *More information about attendance [here](#).*

## Grading Scale

Grade	Percent	Grade Points
A	93.4-100	4.00
A-	90.0-93.3	3.67
B+	86.7-89.9	3.33
B	83.4-86.6	3.00
B-	80.0-83.3	2.67
C+	76.7-79.9	2.33
C	73.4-76.6	2.00
C-	70.0-73.3	1.67
D+	66.7-69.9	1.33
D	63.4-66.6	1.00
D-	60.0-63.3	0.67
E	0-59.9	0.00

\* *More information on grades [here](#).*

## Course Schedule

This schedule may be modified at any moment by the instructor, who will inform students within a reasonable time span.

<b>Week 1 (07/01) – no class Thu</b>	<p><b><i>Website project</i></b>  <b><i>Computed Notation and Computer-assisted Instruction</i></b>            - Syllabus reading - Presentations            - Website project due</p>
<b>Week 2 (07/08)</b>	<p><b><i>Sound</i></b>            - Notation project due            - Quiz – Sound            - Sound project due</p>
<b>Week 3 (07/15)</b>	<p><b><i>Sound/Audio</i></b>            - Audio project due            - Recording session            - Mixing session</p>

<b>Week 4 (07/22)</b>	<b><i>Audio</i></b> - Video editing session - Mid-term exam
<b>Week 5 (07/29)</b>	<b><i>MIDI and Software Instruments</i></b> - Mixing project due - Video project due
<b>Week 6 (08/05)</b>	- Quiz – MIDI and Software Instruments - MIDI project due - Final quiz/exam

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## Computer Lab Hours

In order to have a reasonable amount of time to work at the school computers, students should frequently check the computer lab hours, as it may change on a weekly basis.

**Software piracy is illegal. Please follow the university policies on computer usage:**

<http://www.it.ufl.edu/policies/acceptable-use/summary/>

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## Academic Honesty

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 (<http://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 TAs in this class.

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## Other Resources

### *Health and Wellness*

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>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS) Student Health Care Center, 392-1161.

University Police Department, 392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

### *Academic Resources*

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. <https://lss.at.ufl.edu/help.shtml>.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling. <http://www.crc.ufl.edu/>

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. <http://teachingcenter.ufl.edu/>

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio/>

Student Complaints Campus:

[https://www.dso.ufl.edu/documents/UF\\_Complaints\\_policy.pdf](https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf)

On-Line Students Complaints: <http://www.distance.ufl.edu/student-complaint-process>

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://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.