

TPA 4930 Introduction to Sound Design and Technology

Spring 2022

3 Credits

Revised 20220101

Basic Information

Contact Information

Meeting Time: T,R 4:05 PM - 6:00 PM
Classroom: CON 217

Office (by appointment): CON 201 or Zoom
jzhao@arts.ufl.edu

Course Description

This course introduces students to the basics in sound design and technology. Students will work on projects about design elements and design process. The course has four graded components: Sound Fundamentals, Design Elements, Sound Equipment, and Design Project. The first three components are evaluated by in-class presentations and quizzes. The Design Project consists of six progressive submissions which are graded independently. See the Evaluation of Grades section of this document for more details.

You will be able to find detailed instructions and guidelines on each of the graded elements on Canvas when they are assigned. Please do not hesitate to email the instructor if you have any questions about any of the components of the course.

Prerequisite Knowledge and Skills

An interest in design and production for live events. A willingness and desire to participate in the technical operation of productions at UF.

Course Goals and/or Objectives

- Understanding of the physical properties of sound.
- Introduction to design elements and sound equipment.
- Development of vocabulary and knowledge for engagement on a production.
- Demonstration of ability to sound design a mini production.
- Completion of lab requirements to gain hands-on experience in the shop and/or production.

Textbooks, Software and Instructional Materials

While there isn't a required textbook, the instructors will be suggesting reading and research and sharing a variety of instructional resources. The students will work with a personal workbook or journal of notes and handouts to refer to at the end of the course.

Course Fees

Material and supply fees are assessed for certain courses to offset the cost of materials or supply items consumed in the course of instruction. A list of [approved courses and fees](#) is published in the Schedule of Courses each semester. (UF-3.0374 Regulations of the University of Florida).

Material and supply and equipment use fee information is available from the academic departments or from the schedule of courses (Florida Statutes 1009.24). The UF Schedule of Courses shows that this course has additional course fees of \$136.88.

Course Schedule

Date	Topic	Assignments/Quizzes
1/6	Introduction to course	
1/11	Sound Fundamentals 1	
1/13	Sound Fundamentals 2	Design Project Groups Due
1/18	Sound Fundamentals Lab	
1/20	Design Elements: Color, Mass	Quiz 1 Sound Fundamentals
1/25	Color Presentations	Design Project Story Due
1/27	Mass Presentations	
2/1	Design Elements: Rhythm, Line and Space	
2/3	Rhythm Presentations	
2/8	Line Presentations	Design Project Cue Sheets Due
2/10	Habituation & Startle	
2/15	Habituation & Startle Presentations	
2/17	Consonance & Dissonance	Design Project Revised Cue Sheets Due
2/22	Consonance & Dissonance Presentations	
2/24	Sound Design Process	
3/1	Work Day: Rough Sound	
3/3	Digital and Network Audio	
3/8	NO CLASS SPRING BREAK	
3/10	NO CLASS SPRING BREAK	
3/15	Equipment: Microphones	
3/17	Equipment: Loudspeakers	Quiz 2 Digital and Network Audio
3/22	Rough Sound Presentation	Design Project Rough Sound Due
3/24	QLab	
3/29	Sound Systems	Quiz 3 Equipment
3/31	Work Day – QLab Workspace	Design Project QLab Due
4/5	Design Project Rehearsals	
4/7	Design Project Rehearsals	
4/12	Design Project Rehearsals	
4/14	Design Project Presentations	Dante Level 1 Certification Due

Evaluation of Grades

Grades Breakdown

Assignment or Course Component	Points
DESIGN ELEMENTS	30
Color Project	5
Mass Project	5
Rhythm Project	5
Line Project	5
Habituation and Startle Project	5
Consonance and Dissonance	5
DESIGN PROJECT	40
Story	5
Cue Sheets	5
Revised Cue Sheets	5
Rough Sound	5
QLab Workspace	5
Final Presentation	15
QUIZZES & CERTIFICATION	30
Quiz 1 Sound Fundamentals	10
Quiz 2 Digital Audio and Network Audio	5
Quiz 3 Equipment	10
Dante Level 1 Certification	5
TOTAL	100

Grading Scale

Letter Grade	% Equivalency	GPA Equivalency
A	94 – 100%	4.0
A-	90 – 93%	3.67
B+	87 – 89%	3.33
B	84 – 86%	3.00
B-	80 – 83%	2.67
C+	77 – 79%	2.33
C	74 – 76%	2.00
C-	70 – 73%	1.67
D+	67 – 69%	1.33
D	64 – 66%	1.00
D-	60 – 63%	.67
E, I, NG, S-U, WF		0.00

More information on grades and grading policies can be found at
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

COVID-19

In response to COVID-19, the following practices are in place to maintain your learning environment, to enhance the safety of our in-classroom interactions, and to further the health and safety of ourselves, our neighbors, and our loved ones.

- If you are not vaccinated, get vaccinated. Vaccines are readily available at no cost and have been demonstrated to be safe and effective against the COVID-19 virus. Visit this link for details on where to get your shot, including options that do not require an appointment: <https://coronavirus.uflhealth.org/vaccinations/vaccine-availability/>. Students who receive the first dose of the vaccine somewhere off-campus and/or outside of Gainesville can still receive their second dose on campus.
- You are expected to wear approved face coverings at all times during class and within buildings even if you are vaccinated. Please continue to follow healthy habits, including best practices like frequent hand washing. Following these practices is our responsibility as Gators.
 - Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
 - Hand sanitizing stations will be located in every classroom.
- If you are sick, stay home and self-quarantine. Please visit the UF Health Screen, Test & Protect website about next steps, retake the questionnaire and schedule your test for no sooner than 24 hours after your symptoms began. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 (or email covid@shcc.ufl.edu) to be evaluated for testing and to receive further instructions about returning to campus. UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the UF Health Screen, Test & Protect website for more information.
 - Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.
 - If you are withheld from campus by the Department of Health through Screen, Test & Protect you are not permitted to use any on campus facilities. Students attempting to attend campus activities when withheld from campus will be referred to the Dean of Students Office.
- Continue to regularly visit coronavirus.UFHealth.org and coronavirus.ufl.edu for up-to-date information about COVID-19 and vaccination.

Course Policies

Assignments

There are a number of class projects. Some projects will become the basis for later projects, making it especially important to finish on time. Most projects will need to be completed in the week interim between course meetings. Due dates of project are posted in the Course Schedule section of this document. Detailed project guidelines will be posted on Canvas.

Grading

Your assignment grades will be based on these factors:

- Your understanding of the assignment and your ability to follow instructions.
- The completion of the project during the time required.
- All factors that are in the assignment are addressed completely and correctly.
- Ability to discuss your project using the correct terminology when called upon.

Participation and Attendance

The success of this course is based on discussion and class participation. Attendance is vital. Only one (1) unexcused absence from class will be permitted without penalty. Each additional unexcused absence will lower your final grade by 5%. Two (2) late arrivals and/or early departures to/from class will count as one (1) absence. Three unexcused absences will result in a failing grade in this class.

Excused absences are consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>) and require appropriate documentation.

Quiz/Exam Policy

Quizzes will be given in class as detailed in the Course Schedule section of this document. There is no final exam.

Make-up Policy

Late and made-up assignments will be marked down by 80. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Course Technology

Students will be required to have access to, and use a personal computer with the access to the Internet. A Mac computer is preferred but not required. A computer with camera and microphone is required for class meetings via Zoom. Students should have personal access to the Internet. Other technologies will be introduced during the course session. UF Canvas Student Help FAQs can be accessed here <https://elearning.ufl.edu/student-help-faqs/>

Course Communications

Students can communicate directly with the Instructor regarding the course material via email.

Electronic communication must demonstrate a formal tone and style, and unless absolutely urgent, will be responded to Mon - Fri 08:00 AM - 5:00 PM.

Course Evaluation

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 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 ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at gatorevals.aa.ufl.edu/public-results/.

UF Policies

Honest 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 (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 or TAs in this class.

Class Demeanor

Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all.

Students requiring accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center 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.

Netiquette Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats, more information can be found at: <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

Online course evaluations

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/results/>.

Campus Resources

Health and Wellness

U Matter, We Care

If you or a friend is in distress, please contact 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.

1. 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

On-Line Students Complaints:

<http://www.distance.ufl.edu/student-complaint-process>

Disclaimer: This syllabus represents the instructor's current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.