

# MUS 5365: Music & Technology

School of Performing Arts | College of Arts & Humanities  
University of Central Florida

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<b>Instructor:</b>	Dr. Thad Anderson	<b>Term:</b>	Fall 2017
<b>Office:</b>	Music Building, M104	<b>Class Meeting Days:</b>	Tuesday & Thursday
<b>Phone:</b>	(407) 823-2221	<b>Class Meeting Hours:</b>	4:30 to 5:45 p.m.
<b>Email:</b>	tra@ucf.edu	<b>Office Hours:</b>	By Appointment

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## COURSE SYLLABUS

### Course Description:

This course is aimed at teaching graduate music students the basics of computer technology and music specific computer technology. In this course, we will lay the foundation for a wide variety of topics and applications that can be followed up with further study.

### Course Objectives and Expectations:

Upon successful completion of this course, students will be able to:

- Understand the history of music technology and its development into contemporary uses
- Understand the basic workings of computer hardware
- Be proficient utilizing the Macintosh operating system (Mac OS)
- Understand the basic properties of digital sound
- Be able to edit sound in a digital environment
- Understand how to distribute digital recordings
- Become familiar with sequencing software and virtual instruments
- Be able to create basic printed materials using notation software
- Understand the basic workings of the internet
- Be able to create a web presence using a variety of simple tools

### Course Prerequisites:

Prior to enrolling in this course, students should have basic computer skills including word processing and other productivity software, email, and web surfing. Students in need of these skills should take a different course before continuing with this one. Also, students should be fluent in music notation and understand basic music terminology.

### Required Text:

- *Foundations in Music Technology* by V.J. Mango (ISBN #9780199368297)

**Required Downloadable Software/Freeware:**

- *FMT*, accompanies our text: [www.vjmanzo.com/oup/fmt/](http://www.vjmanzo.com/oup/fmt/)
- *Audacity*: [www.audacityteam.org](http://www.audacityteam.org)

**Required Web-based Accounts:**

- *Noteflight*: [www.noteflight.com](http://www.noteflight.com)
- *Soundation*: [www.soundation.com](http://www.soundation.com)

**Recommended Text:**

- *An Introduction to Music Technology* (second edition) by Dan Hosken (ISBN #9780415825733)

**Evaluation Procedures:**

In general, subjective assessments will be made by the instructor regarding preparation, performance competency, class participation, and attendance. More specifically, evaluation criteria will be based upon, but not limited to, the following criteria:

Grade Categories	Points toward final grade
Attendance/Participation	100
Assignments	160
Reading & Discussion	100
Electro-Acoustic Performance	100
Film Scoring Project	100
<b>Total</b>	<b>660</b>

**Grading Scale:**

The following grading scale will be used throughout the semester:

Grading Scale (%)	
94-100	A
90-93	A-
87-89	B+
84-86	B
80-83	B-
77-79	C+
74-76	C
70-73	C-
67-69	D+
64-66	D
60-63	D-
0 - 59	F

- **Attendance/Participation:** Attendance and class participation is expected on a regular basis. The Roll Call feature on Webcourses will be used to record attendance for every class meeting. This grade will be calculated by the number of class meetings we have within the semester. The following percentage designations will be used:
  - 100% = Arrived to class meeting on time and participated
  - 80% = Arrived to class meeting late and/or did not participate
  - 0% = Did not attend class meeting
- **Assignments:** A series of assignments will be made throughout the semester. These are smaller projects that deal with topics currently being discussed in class.
- **Reading & Discussion:** We will be reading various articles and book chapters during the course of the term. Specific reading will be assigned and each student is expected to make a posting on the reading. Students are not required to make a “top tier” post and are encouraged to respond to their peers. There is not length requirement, but postings should contain thoughtful insight regarding the topic at hand.
- **Electro-Acoustic Performance:** As a class, we will perform a standard electro-acoustic work on the November 2 New Music Ensemble concert as part of the Collide Contemporary Music Series.
- **Film Scoring Project:** As a culminating project, we will work with a short film to create music using digital mediums. This project is due and will be presented during our final exam meeting.
- **Final Exam:** The final exam meeting will take place on **Thursday, December 7** from 4:00 to 6:50 p.m.

### **Attendance, Participation, and Deadlines**

Regular attendance is expected. The points system is set up to allow 3 unexcused absences. Any absences thereafter will affect the final semester grade through the subtraction of attendance/participation points. If all 3 unexcused absences are not used, these additional points can be applied as a bonus to the final grade.

No late work will be accepted without prior approval. Any assignments not submitted by the due date will not receive full credit.

### **Academic Integrity**

UCF is committed to a policy of honesty in academic affairs. Conduct that comprises a breach of this policy may result in academic action and disciplinary action. Academic action affects student assignments, examinations or grades. Disciplinary action affects student enrollment status. Please review the behavior standards at:  
[http://www.goldenrule.sdes.ucf.edu/11\\_behavior.html](http://www.goldenrule.sdes.ucf.edu/11_behavior.html)

## **Plagiarism Statement**

Work submitted must be your own. The university and the department have a strict policy on cheating and plagiarism. Go to the Golden Rule at <http://www.goldenrule.sdes.ucf.edu> to review these guidelines.

## **Accommodations For the Differently-abled**

The University of Central Florida is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students with disabilities who need accommodations in this course must contact the professor at the beginning of the semester to discuss needed accommodations. No accommodations will be provided until the student has met with the professor to request accommodations. Students who need accommodations must be registered with Student Disability Services, Student Resource Center Room 132, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, before requesting accommodations from the professor.

## **The UCF Creed**

Integrity, scholarship, community, creativity, and excellence are the core values that guide our conduct, performance, and decisions.

- **Integrity:** I will practice and defend academic and personal honesty.
- **Scholarship:** I will cherish and honor learning as a fundamental purpose of my membership in the UCF community.
- **Community:** I will promote an open and supportive campus environment by respecting the rights and contributions of every individual.
- **Creativity:** I will use my talents to enrich the human experience.
- **Excellence:** I will strive toward the highest standards of performance in any endeavor I undertake.