

Technology for Musicians
MUSI 507
Dr. Chapman Welch, Instructor
Room 1709 SSM
TTH 10:50AM-12:05PM

Course Objectives

To provide student musicians with the computer skills necessary for modern musical life. The course will cover computer assisted notation, the basics of audio/video production, using social networking tools, and website creation. Students will complete assignments in each of these topics and will present a Final Project based on one or more of the topics covered in class. The applications discussed in class will include Finale, Logic Express, Illustrator, Final Cut Express, iDVD, iMovie, WordPress, and iWeb.

Computer Aided Notation and Composition

Basics of MIDI Input, score creation, and formatting using Finale
Extracting musical examples for inclusion in papers
Exporting MIDI files for use in Logic

Introduction to Computer Audio

Physics of sound Recording basics (microphones, interfaces, recording techniques)
Audio Editing and Mixing

Introduction to Computer Video

Recording and Importing digital video
Introduction to iMovie
Exporting video for DVD and YouTube

Web Design and Website Building

Website design using Wordpress

Grading

40% Topic Assignments
50% Final Project
10% Attendance and Participation

Learning Disabilities:

Please contact me if you have a documented disability that may require some modification of seating, testing, or other class requirements so that appropriate arrangements can be made.

CLASS SCHEDULE

Time is a fluid condition which has no existence except in the momentary avatars of individual people.

January 10	Introduction
January 12	Finale Intro
January 17	Finale Intro 2
January 19	Help Session
January 24	*Project 1: Finale Due (Discussion).
January 26	MIDI Intro/Exporting MIDI from Finale
January 31	MIDI Intro/Exporting MIDI from Finale
February 2	Logic Express/Pro Intro
February 7	Logic Express/Pro Intro 2
February 9	NO CLASS
February 14	Help Session
February 16	*Project 2: Finale+Logic Due (Discussion).
February 21	Recording Intro.
February 23	Recording Intro.
February 28	Spring Break
March 1	Spring Break
March 6	Help Session
March 8	Intro to iMovie
March 13	Intro to iMovie
March 20	*Project 3: Logic Due (Discussion).
March 22	Midterm Recess (No class)
March 27	Intro to Wordpress
March 29	Final Project Proposals Due
April 3	Help Session
April 5	Help Session
April 10	Help Session
April 12	Help Session
April 17	Help Session
April 19	Final Project in-class Presentations (Last day of class!!!)

;FINAL PROJECTS DUE DURING EXAM PERIOD! TBA

TEACHING VIDEOS

<http://chapmanwelch.com/teaching/rice>

Class Policies:

You must check your email regularly. All assignments will be turned in via email unless specified other wise. Always include **RICE TECH** in your subject line.

CONTACT INFO

REMLABS Studio Space: APBH 1709
REMLABS website: <http://remlabs2.rice.edu>
REMLABS Email: REMLABS-L@listserv.rice.edu

Office Room: APBH 1709
EMAIL: chapman.welch@gmail.com
PHONE: 713-906-6055

STUDIO TIME

Students may reserve 3 hours of studio time per week. Please wait until August 30th to schedule your times. Any times scheduled before then will be deleted.

How do I schedule studio time?

HOW TO USE THE CALENDAR

1. Go to <http://www.google.com/calendar/render?pli=1>
2. Sign in with

Email: REMLABS.RICE
Password: REMLABS.CALENDAR

All caps on both email and password!

DIGITAL MEDIA CENTER

All of your assignment may be completed using the computers, cameras, and audio recorders in the Rice Digital Media Center.

<http://dmc.rice.edu/>