

# An ACTLab Course

# SOUNDSCAPES

www.actlab.utexas.edu/soundscapes

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Office hours Monday 6:30-8:00pm in the ACTLab and by appointment in the ACTLabTV office CMA6.124  
Class meets in the ACTLab Wed 1:00-4:00pm

This is a course about sound as tapestry and texture, as background for life. No prior skill or technical knowledge is required. We'll cover the history, psychology, and anthropology of sound as dramatic enhancement, consciousness-changing technology, learning tool, religious experience, political weapon, and art form. You will do hands-on circuit bending, make unique physical and virtual instruments, experiment with lo-tech multitrack recording, discuss the role of sound in film, video, and other media, in malls and other private quasi-public spaces, in elevators and other muzak-type environments where site-specific sound is taken for granted. You will make interactive sound environments and discuss their effects.

There are no written exams. Instead you will use the theories and tools you acquire during the semester to make stuff about some aspect of sound, its production, recording, and reproduction. What you make can be in any form: sound, installation, video, computer animation, collage, sculpture, assemblage, performance. You will do this in stages, starting with simple projects and moving to more complex ones, using humor, irony, and unusual approaches and techniques. We encourage your own interpretation and voice.

Class is in studio and discussion format. This means that your active participation is a course requirement. During the semester we expect you to contribute your own ideas and arguments to the discussions, and to be willing to take the risks such contributions imply. In ACTLab courses we assume a high level of motivation on your part and your willingness to self-start, set your own goals, think independently, collaborate with others, seek help when you need it, and take risks. Let's make it an interesting semester!

This syllabus includes a list of study material to be addressed on certain dates, but actual material may change as circumstances require. During the semester other material may be added, or listed material deleted. ACTLab courses are student-driven, and we invite you to submit material for inclusion or suggest changes at any time.

## General requirements:

**The following six things are *required* for you to receive a grade:**

1. Attendance at all classes.
2. Reading all assignments and coming to class prepared.
3. Participation in discussion.
4. Successful completion of three projects. See **presentation** below.
5. Successful completion of documentation. See **documentation** below.
6. Full cleanup of the ACTLab following final presentations. Leave it the way you found it -- no better, no worse.

## **Presentation:**

No presentation may endanger the presenter's or others' health or safety.

You will be graded both on the projects and on the quality of their presentation in class. This includes items such as lighting, sound, and organization. An attachment containing requirements for ACTLab student presentations is included with this syllabus. Read it carefully and save it for future reference. It contains information which you will need in order to receive a grade.

## **Documentation:**

You must provide complete documentation of your work in the form of a web site. A web site consists of a home page that says something about you, and additional pages for each project as necessary.

Documentation means a description of each project, how it was made, its relationship to the readings and discussions (i.e., its theoretical grounding), your thoughts about the project, etc., together with sound recordings, video, and/or still photos of the work in progress and the completed project.

You will make the web site in four stages. Each stage consists of documentation of one of the three projects, plus a fourth stage consisting of the homepage with your bio, external links, and whatever additional information you think is relevant. Stages one and two are due in class the week following project presentations one and two. Stages three and four are due no later than 5:00 p.m. Wednesday, May 14.

## **Grading:**

Participation in discussion	25%
Make-a-thon (First project)	5%
Second project	20%
Final project	25%
Documentation (Web site)	25%
Total	100%

## **DUE DATES**

**PROJECT ONE: September 23**

**PROJECT TWO: October 28 and November 4**

**PROJECT THREE: December 6**

**DOCUMENTATION: December 13**

## **REQUIREMENTS FOR ACTLAB STUDENT WEB PAGES**

These requirements are mandatory. You are responsible for knowing them and for carrying them out. Failure to do so will result in a failing grade. You will receive no further reminders.

We will provide whatever tutorials you may need to construct your web site until the date that first web pages are due, two weeks after first project presentations. No further tutorials will be given after that date.

You may construct your web site by writing it from scratch; by using the WordPress system we provide; by adapting one of the many templates available free online, provided that we determine it doesn't raise security issues; or by using any of the following web construction software: Dreamweaver; Nvu; Amaya. Dreamweaver is a commercial product and is available on all ACTLab computers. Nvu and Amaya are free Open Source products and may be freely downloaded to your own laptop. **You may NOT use iWeb.**

**The entire contents of your web site must be on the ACTLab server, nowhere else.** No external links are permitted, except on the "Links" or "Further information" page if you make one. You may not link anything to your, or anyone else's, UT Webspace. You may freely link to your own pages on the ACTLab site or to other pages on the ACTLab site.

**Everything must work.** No broken links, no missing images.

**Compress videos with Quicktime Pro using the following default setting (Export: Quicktime to Movie (or whichever format you originally made, I.E. AVI to quicktime), Use: Broadband Medium). No Windows Media (wmv) files** may be used on your site.

**Compress images to jpg set to low quality (20).** In Photoshop, use "Save for Web". In Gimp, use "Save image as", select "JPEG", click "preview" and visually choose a quality between 20 and 50. Save as gif only if you require the alpha channel (transparency). On average, a properly compressed jpg file should be no more than 10-20K in size.

**Resize and save images and videos in the screen size you will display them.** A 1024x768 image will still download as 1024x768 even if you tell the browser to display it as 250x120 -- a huge waste of bandwidth that can unacceptably slow your site's loading time.

**All videos and sound files must stream.** This means videos and sounds start to play immediately when the page loads, without having to download the file first. An exception is that a video or sound need not start instantly if it is embedded in a web page which contains large amounts of text that must be read before watching the video or listening to the sound. Because the university's internal bandwidth is so wide, it is impossible to know if your files stream properly if you test them at the university. Test your streaming files from home. Be sure to clear your browser cache between tests. If you don't, you are merely playing the file out of your computer's memory, not from the stream.

**All pages must have clear, visible navigation tools.** This means buttons, menus or links to the main headings of your site and your home page, plus a link to the ACTLab home page.

**You may NOT** have your website open a link in a new browser window or resize the browser window.

**To upload your files,** use Cyberduck for Mac or WinSCP for PC or other programs that support secure file transfer. The ACTLab server is secure; ftp will not work.

When you complete each phase of your website, email **the full url (<http://www.actlab.utexas.edu/~youraccountname>)** to Joey, Dustin, and Sandy on or before the due date.

Web sites submitted after midnight of the due date, or that are incomplete or do not work properly by that time, will be considered late. A late, incomplete, or broken web site on Projects One or Two will reduce your final grade. Absent dire circumstances such as documented family emergencies, a late, incomplete, or broken web site on Project Three will result in a failing grade.

## REQUIREMENTS FOR ACTLAB PRESENTATIONS

**Lighting.** All live presentations that involve anything other than simply screening a video are required to be properly lit. It is your responsibility to plan the lighting. You will draw up a light plot and arrange for the appropriate lights to be gelled and aimed **before presentation time**. If your presentation requires total darkness, you or an associate will be responsible for producing it. In the ACTLab this includes arranging for all monitors to be turned off, the control room to be darkened or shielded, and the studio doors closed. Proper lighting of your presentation is part of your grade.

**Sound reinforcement.** Creating a soundscape is not complete until you have decided on, acquired, and set up the playback system. If your presentation uses sound, it is your responsibility to assure that appropriate amplifiers, speakers, and wiring are set up at the site of your presentation, connected, and working properly. Don't assume that anything works unless you have personally verified that it does. Don't assume that power is available; verify that it is. Proper sound reinforcement is part of your grade.

**Microphone.** If your presentation requires a microphone of any kind -- wireless, wired, contact, whatever -- and you expect us to supply it, it is your responsibility to **request it via email at least a week before presentation**. Doing so is part of your grade.

**Video files.** If you intend to screen a video, you are responsible for verifying that the video files for your presentation are uploaded to the presentation computer **at the beginning** of presentation day, and that they **play** on that computer. Discovering at the last minute that your video does not work on the ACTLab presentation computer will result in a reduction in your grade.

## EQUIPMENT CHECKOUT

RTF production equipment and ACTLab equipment are not the same. Unavoidably, the procedures for checking them out are different.

Students who need **ACTLab equipment** for this class: Contact the equipment checkout team during checkout hours. Checkout hours are posted during the first week of class. Checkout ACTLab equipment from, and return it to, the Deathstar, the room directly across the hall from the ACTLab.

Students who need **RTF production equipment** for this class:

1. Plan ahead. 500 students use RTF Equipment Checkout. ACTLab classes are a little different in that equipment useage is an option, not a requirement. Contact RTF Equipment Checkout at least a few days in advance of your needs. [checkout@uts.cc.utexas.edu](mailto:checkout@uts.cc.utexas.edu) or phone 512-471-6565 RTF Equipment Checkout is open Monday through Friday 8AM-4PM.
2. When you get there ask to speak with Linda or Hector because the student employees will try to impose rules that don't apply to you.
3. When you talk to Linda or Hector, the first words out of your mouth should be, "I'm in an ACTLab class and I need equipment." That way we'll know not to charge you \$25.50 insurance. Well, we won't charge you insurance if you keep the dollar value of your checkout below the insurance deductible. We can help you with that. There's about 5 minutes of paperwork to fill out, and then maybe 5 minutes for us to reserve your equipment and get it for you. Try to avoid dropping by Thursdays and Fridays because we are very busy. The other students make appointments (you can make one if you like), so we have to help people who have appointments first.

**Mailing list:** Outside of class time we keep in touch via the Trans class mailing list. Use it to swap ideas, ask questions, get and give alerts of schedule changes, share weird urls, and whatever else you can think of. The Trans mailing list is the only authorized mailing list for this class. Do not use Blackboard.

## COURSE SCHEDULE

Aug 26: Welcome, Biz, getting organized, handouts, discuss semester plan and schedule.

Sep 2: Intro to soundscapes: Sandy, Joey, Special Guests.

Sep 9: More introduction to soundscapes; making microphones and speakers; circuit bending; site-specific work; Feeping Creatures.

Sep 16: Physical Instruments: Hot Pipe Organ, Rocket Subwoofer, Singing Tesla Coils, Blow.

Sep 23: **Make-a-thon presentations. 7 minutes max, including discussion.**

Sep 30: **Make-a-thon websites due. Last website tutorial. In-class website critique.**

Oct 7: Dada, Russolo, Marinetti and Noise Music; John Cage and after; drone; looping.

Oct 14: Pirate Radio, Security Camera Theatre, 2600 Group.

Oct 21: High Fidelity.

**Oct 28: Second project presentations, part 1. 15 minutes max, including discussion.**

**Nov 4: Second project presentations, part 2.**

**Nov 11: Second project web sites due. In-class website critique.**

Nov 18: Analog vs. Digital: Tales From the Crypt.

Nov 25: Sandy Day.

Dec 2: Subversive sound performances.  
Wrap-up and review of final work.

**Sunday, Dec 6: Final presentations**

**Sunday, Dec 13: Final web sites due.**

### **The Fine Print:**

This syllabus is V.1.0. It may be updated from time to time as necessary. Once the class has met, based on the skills, proclivities, and wishes of its members, we may, and probably will, modify the reading assignments and discussion topics. If we do, you will receive notice about the new readings and discussion topics far enough in advance that you will have no difficulty in keeping up with such changes.

### **The University of Texas Honor Code**

The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the University is expected to uphold these values through integrity, honesty, trust, fairness, and respect toward peers and community.

### **Scholastic Dishonesty**

The University defines academic dishonesty as cheating, plagiarism, unauthorized collaboration, falsifying academic records, and any act designed to avoid participating honestly in the learning process. Scholastic dishonesty also includes, but is not limited to, providing false or misleading information to receive a postponement or an extension on a test, quiz, or other assignment, and submission of essentially the same written assignment for two courses without the prior permission of the instructor. By accepting this syllabus, you have agreed to these guidelines and must adhere to them. Scholastic dishonesty damages both the student's learning experience and readiness for the future demands of a work-career. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from the University. For more information on scholastic dishonesty, please visit the Student Judicial services Web site at <http://deanofstudents.utexas.edu/sjs>

### **Undergraduate Writing Center**

The Undergraduate Writing Center, located in the FAC 211, phone 471-6222, <http://www.utexas.edu/cola/centers/uwc/> offers individualized assistance to students who want to improve their writing skills. There is no charge, and students may come in on a drop-in or appointment basis.

### **Services For Students With Disabilities**

The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY.

### **Religious Holidays**

Religious holy days sometimes conflict with class and examination schedules. If you miss a work assignment or other project due to the observance of a religious holy day you will be given an opportunity to complete the work missed within a reasonable time after the absence. It is the policy of the University of Texas at Austin that you must notify each of your instructors at least fourteen days prior to the classes scheduled on dates you will be absent to observe a religious holy day.

### **University Electronic Mail Notification Policy**

All students should become familiar with the University's official e-mail student notification policy. It is the student's responsibility to keep the University informed as to changes in his or her e-mail address. Students are expected to check e-mail on a frequent and regular basis in order to stay current with University-related communications, recognizing that certain communications may be time-critical. It is recommended that e-mail be checked daily, but at a minimum, twice per week. The complete text of this policy and instructions for updating your e-mail address are available at <http://www.utexas.edu/its/policies/emailnotify.html>. (Optional: In this course e-mail will be used as a means of communication with students. You will be responsible for checking your e-mail regularly for class work and announcements.)

### **Use of Blackboard**

This course DOES NOT use Blackboard. Do not use Blackboard to check assignments for ACTLab courses and do not use Blackboard mailing lists to email students in this course, as ACTLab mailing lists include classes and individuals who are not referenced by the Blackboard system.

### **Copyright and Fair Use**

You may find the need to use copyrighted material this semester: music, photographs, movie clips, or any other expression. For many of your uses, you need to find the copyright holder and negotiate a license. You own the copyright to the work you produce in this class. As a copyright holder yourself, you understand the importance of copyright ownership. It is your responsibility to secure music and archival footage licenses as well as artwork, location and personal releases. You will find release templates on the RTF website.

For some uses, however, neither you nor anyone else needs to license copyrighted material. This is because copyright law exists to encourage and support creativity. Copyright law recognizes that creativity doesn't arise in a vacuum. As creators, we all stand on the shoulders of giants. New works of art (such as films, books, poems, paintings) all make use of what has gone before. Thus, copyright law not only protects authors with a copyright that lets them decide who can use their works, but also offers exemptions from the author's control. For filmmakers, the most important exemption is the doctrine of fair use. You can rely on fair use, where appropriate, in the film and media projects you undertake for this course. If you are making a documentary film, consult the influential Documentary Filmmakers Statement of Best Practices in Fair Use [http://www.centerforsocialmedia.org/files/pdf/fair\\_use\\_final.pdf](http://www.centerforsocialmedia.org/files/pdf/fair_use_final.pdf) which was created by a group of national filmmaker organizations, has been endorsed by the University Film and Video Association, and is now relied on by film festivals, insurers, cablecasters, distributors and public broadcasters. Fair use also applies in the fiction film environment, but not necessarily to the same extent or in the same way.

As always, the central question is whether the new use is "transformative" -- i.e., whether it adds significant value by modifying or recontextualizing the original. For more understanding, including information on when you can use works for free:

[http://www.centerforsocialmedia.org/files/pdf/free\\_use.pdf](http://www.centerforsocialmedia.org/files/pdf/free_use.pdf)

without even invoking fair use, why you (mostly) don't need to worry about trademarks:

[http://www.centerforsocialmedia.org/files/pdf/free\\_use.pdf](http://www.centerforsocialmedia.org/files/pdf/free_use.pdf)

what is in the public domain: <http://www.centerforsocialmedia.org/rock/backgrounddocs/copyrightterm.pdf>

how fair use lawsuits have been settled: [http://www.centerforsocialmedia.org/videos/sets/fair\\_use\\_case\\_studies](http://www.centerforsocialmedia.org/videos/sets/fair_use_case_studies)

and how fair use has been employed successfully in documentary film:

[http://www.centerforsocialmedia.org/videos/sets/fair\\_use\\_case\\_studies](http://www.centerforsocialmedia.org/videos/sets/fair_use_case_studies)

For general information: <http://centerforsocialmedia.org/fairuse>