

Syllabus Spring 2016

*The University of Texas at Austin
School of Information
Spring 2016*

INF 392M ADVANCED AUDIO PRESERVATION AND REFORMATTING

Instructor: Sarah Cunningham

Office: UTA 5.112

Audiovisual Archive LBJ Library 2313 Red River

Office Hours: by appointment (512) 721-0156

Unique number: 27624

Course Time: Monday 6:00 – 9:00 Classroom: UTA 1.502

Instructor email: shcunningham@mail.utexas.edu

Description: An advanced survey of the preservation of audio and the management of audio preservation programs including:

- Examination of how select national and local AV archives are organized
- Review of audio preservation literature
- Overview of methods used to appraise and catalog recordings
- Copyright issues pertaining to the preservation and access of historical recordings
- Role of vendors in the preservation of collections
- Update of current trends in the industry
- "Hands-on" methods used to digitize audio materials for preservation

Objectives: This class will build upon the foundation of the Introduction to Audio Preservation class. Students will gain an understanding of:

- Management of sound archives
- How to plan and manage a reformatting project
- What to look for when surveying an audio collection
- Current best practices and methods for preserving recordings
- The professional organizations working for the preservation of sound recordings
- Methods and materials used to predict the future of the field

Class participation: Students are required to complete the assigned readings, participate in class discussions and activities each week. Each student will be responsible for leading two class discussions during the semester.

Deadlines – All students are expected to turn assignments in at the beginning of the class period of the day that it is due. If a student must miss a class, the assignment must be sent via e-mail to me 1 hour before the class begins.

A letter grade will be deducted for each day an assignment is late.

January 25 –Review of Intro to Audio Preservation and planning an audio preservation project

Note: Each student will set up a meeting with the instructor between January 25 and February 9 to discuss projects and research.

IASA Ethical Principles for Sound and Audiovisual Archives
<http://www.iasa-web.org/ethical-principles>

February 1- Setting up an Audio Preservation Project

Copeland, Peter. Manual of Analogue Sound Restoration Techniques
https://www.prestocentre.org/system/files/library/resource/analogue_sound_restoration.pdf

CARLI – Consortium of Academic and Research Libraries in Illinois Guidelines for the Creation of Digital Collections: Digitization Best Practices for Audio
http://www.carli.illinois.edu/sites/files/digital_collections/documentation/guidelines_for_audio.pdf

The Library of Congress National Recording Preservation Plan
<http://www.clir.org/pubs/reports>

Further Readings

Murphy, William T. Managing Audiovisual Archives
http://www.openisbn.com/free_ebooks/id_81598_Managing_Audiovisual_Records#download

Wright, Richard. Preserving Motion Pictures and Sound
[Preserving Moving Pictures and Sound \[PDF 915KB\]](#)

February 9 - Work on Projects

Individual readings on Canvas in your project folders

February 15 - Preservation and Digitization in Audio Archives –

Image and Sound Archiving and Access: The Challenges of the 3rd Millennium; Proceedings of the Joint Technical Symposium, Paris 2000.

Gibson, Gerald D. Preservation and conservation of sound recordings
<https://www.ideals.illinois.edu/handle/2142/579>

Bertram, H. Kinetics of the humid aging of magnetic recording tape. (Canvas)

February 22 – When “Things go wrong.” Tools and Resources

Norris, Sarah. *Effects of Desiccation on Degraded Binder Extraction in Magnetic Audio Tape*. ARSC Journal vol.41 issue #2, Fall 2010.

Reading Pack for February 22

February 29 - Magnetic Tape Degradation Factors

Bigourdan, Jean-Louis, et al. *The Preservation of Magnetic Tape Collections: A Perspective*. Rochester, New York: Image Permanence Institute, Rochester Institute of Technology, 2006.

http://www.imagepermanenceinstitute.org/shtml_sub/NEHTapeFinalReport.pdf

Hess, Richard. *Tape Degradation Factors and Challenges in Predicting Tape Life*. ARSC 39.2:

[http://www.richardhess.com/tape/history/HESS Tape Degradation ARSC Journal 39-2.pdf](http://www.richardhess.com/tape/history/HESS_Tape_Degradation_ARSC_Journal_39-2.pdf)

Porck, Henk J. and Rene Teygeler. “Preservation Science Survey: An Overview of Recent Developments in Research on the Conservation of Selected Analog Library and Archival Materials.” Council on Library and Information Resources, December 2000.

Read Chapter 4: Magnetic Tape

<http://www.clir.org/pubs/abstract/reports/pub95>

Boston, George. *Survey of Endangered Audiovisual Carriers: Survey conducted by the International Association of Sound and Audiovisual Archives, with assistance from the International Council of Archives on behalf of the Information Society Division*. Paris: United Nations Educational, Scientific, and Cultural Organization, 2003.

http://portal.unesco.org/ci/en/files/13437/10680465001Survey_Report.pdf/Survey%2BReport.pdf (PDF, 166 KB). Read pages 1 – 7.

Copeland, Peter. “Manual of Analogue Audio Restoration Techniques.” British Library, 2006.

<http://www.bl.uk/reshelp/findhelpprestype/sound/anaudio/analoguesoundrestoration.pdf>

March 7 - Care and Handling of Magnetic Tape

<http://richardhess.com/notes/>

***Guide to the Richard Hess Mullin-Palmer Tape Restoration Project Collection
ARS.0035 (prepared by Franz Kunst)***

http://www.oac.cdlib.org/findaid/ark:/13030/kt5k4036nc/entire_text/

McKnight, Jay. *Some Popular Misconceptions About
Magnetic Recording History and Theory*

http://www.aes.org/aeshc/pdf/mcknight_some-popular-misconceptions.pdf

March 14 – 19 Spring Break

March 21– Ask the Experts

O'Connell, M. Wet playing of reel tapes with Loss of Lubricant – A guest article by Marie O'Connell, published on the author's blog at

<http://richardhess.com/notes/2006/03/09/wetplaying-of-reel-tapes-with-loss-of-lubricant-again-article-by-marie-oconnell/>

Audio Artifact Atlas

http://avaa.bavc.org/artifactatlas/index.php/A/V_Artifact_Atlas

IASA. Selection for Digitization in National Sound Archives

<http://www.iasa-web.org/task-force/5-selection-digitisation-national-sound-archives>

Murray, Annie and Jared Wiercinski. Looking at Archival Sound: Enhancing the listening experience in a spoken word archive

<http://www.firstmonday.org/htbin/cgiwrap/bin/ojs/index.php/fm/article/view/3808/3197>

March 28 – The National Recording Board Preservation Plan

<http://www.elir.org/>

Additional Readings are in the Course Documents section for March 28

DUE: Paper/Project outlines

April 4 - Copyright Updates

Brooks, Tim. *Latest Copyright Developments*

ARSC May 12, 2011

<http://www.arsc-audio.org/conference/audio2011/index.html>

Brooks, Tim. *Survey of Reissues of U.S. Recordings*. Washington, DC: Council on Library and Information Resources and Library of Congress, August 2004.
<http://www.clir.org/pubs/reports/reports.html>.

Besek, June M. (2005) *Copyright issues relevant to digital preservation and dissemination of pre-1972 commercial sound recordings by libraries and archives* (CLIR Publication No 135) Washington, DC: Library of Congress. Retrieved from
<http://www.clir.org/pubs/abstract/pub135abst.html>

Copyright Term and the Public Domain in the United States
<http://copyright.cornell.edu/resources/publicdomain.cfm>

Public Domain Sherpa: Public Domain Sound Recordings:
<http://www.publicdomainsherpa.com/public-domain-sound-recordings.html>

Music Encoding Initiative
<http://www2.lib.virginia.edu/innovation/mei/>
<http://music-encoding.org/>

April 11 – Digital Humanities and Media Archeology

Parikka, Jussi Archives in Media Theory: Material Media Archaeology and Digital Humanities from Understanding Digital Humanities by David M. Berry
[http://reader.eblib.com.ezproxy.lib.utexas.edu/%28S%28m4atxgtwrim3mnqbdki32w2a%29%29/Reader.aspx?p=868344&o=429&u=YgE465XWJ3g%3d&t=1389396749&h=2F4CBD7C765A175814FA8DBCFFED1728DD49B7AEA&s=20587217&ut=1296&pg=1&r!\[\]\(0aff635c4179ba9e710b00f4b01d3b20_img.jpg\)=img&c=-1&pat=n#](http://reader.eblib.com.ezproxy.lib.utexas.edu/%28S%28m4atxgtwrim3mnqbdki32w2a%29%29/Reader.aspx?p=868344&o=429&u=YgE465XWJ3g%3d&t=1389396749&h=2F4CBD7C765A175814FA8DBCFFED1728DD49B7AEA&s=20587217&ut=1296&pg=1&r=img&c=-1&pat=n#) pp. 85 – 109

Frabetti, Federica. ‘Have the Humanities Always Been Digital?: For an Understanding of the “Digital Humanities” in the Context of “Originary Technicity”’ In David Berry (Ed.) *Understanding the Digital Humanities*, London: Palgrave-Macmillan.
161 - 171

April 18 - Cataloging Audio collections in the digital format

Otto, Jane J. "A Sound Strategy for Preservation: Adapting Audio Engineering Society Technical Metadata for Use in Multimedia Repositories," *Cataloging & Classification Quarterly* 48:5 (2010): 403-422

<http://mss3.libraries.rutgers.edu/dlr/showfed.php?pid=rutgers-lib:26685>

Federal Agencies Digitization Guidelines Initiative

<http://www.digitizationguidelines.gov/>

Auffret, Gwendal & Prie, Yannick. (1999) Managing full-indexed documents: A new perspective for the humanities. *Computers and the Humanities*, 33(4), 319-344.
To retrieve this article, go to the SpringerLink database from the UT Libraries homepage and search for the article.

Born Digital: Guidance for Donors, Dealers, and Archival Repositories

<http://mediacommons.futureofthebook.org/mcpres/borndigital/>

Auffret, Gwendal & Prie, Yannick. (1999) Managing full-indexed documents: A new perspective for the humanities. *Computers and the Humanities*, 33(4), 319-344.
To retrieve this article, go to the SpringerLink database from the UT Libraries homepage and search for the article.

April 25 – Presentation of Student Papers

May 1- Last class day – final exam

Bring “Blue Book” or at least 15 sheets of paper for the exam.

Grading:-

Project 60%

Research Paper 30 %

Final 10 %

A Plus/Minus Grading system for graduate students taking graduate courses will be used as outlined:

http://www.utexas.edu/ogs/student_services/academic_policies/plus_minus.html

Policy on Scholastic Dishonesty

The University of Texas at Austin 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 faculty members.

Students should be aware that all required writing assignments may be submitted to a plagiarism-detection tool such as Turnitin.com. Turnitin is a software resource intended to address plagiarism and improper citation. The software works by cross-referencing submitted materials with an archived database of journals, essay, newspaper articles, books, and other published work. In addition, other methods may be used to determine the originality of the paper. This software is not intended to replace or substitute for the faculty member's judgement regarding detection of plagiarism.

University Honor Code:

<http://www.utexas.edu/about-ut/mission-core-purpose-honor-code>

By accepting this syllabus and participating in the course, you have agreed to these guidelines and must adhere to them. 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://www.utexas.edu/depts/dos/sjs>.

Policy on Students with Disabilities

The University of Texas at Austin provides upon request appropriate accommodation for qualified students with disabilities. Any student with a documented disability (physical or cognitive) who requires academic accommodations should contact the Services for Students with Disabilities area of the Office of the Dean of Students at 471-6259 (voice) or 471-4641 (TTY for users who are deaf or hard of hearing) as soon as possible to request an official letter outlining authorized accommodations.

<http://www.utexas.edu/diversity/ddce/ssd/>

Religious holidays

By UT Austin policy, you must notify me of your pending absence at least fourteen days prior to the date of observance of a religious holy day. If you must miss a class, an examination, a work assignment, or a project in order to observe a religious holy day, you will be given an opportunity to complete the missed work within a reasonable time after the absence.