

MUSI 4325-001
Class Number 85489
TTh 8:00 am – 9:20 am
FA 301

**RECORDING
TECHNIQUES II**
Fall 2011 Syllabus

Professor Micah Hayes
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Prerequisite: Digital Music Technology (MUSI 3394) and Recording Techniques I (MUSI 4390)

Description: Students will learn to engineer recordings in a studio setting within rock/pop genres. Students will also study audio theory, including but not limited to pop recording techniques, psychoacoustics, corrective audio processing, signal processing, studio business, analog circuitry, metering, and mastering. Analyzing the quality of both professional and student recordings will also be an important component of the course, as will timbral ear training.

Office Hours: Mondays from 12pm-1pm and Tuesdays from 9:30am-10:30am. I am available at other times by appointment.

Attendance: Attendance will be taken regularly throughout the semester. Any more than four unexcused absences will bring down your grade by 5%. For example, five absences will cause a 94% to become an 89%, six will cause a 94% to become an 84%, etc. Also, being tardy twice equals one absence. In order for an absence to be excused, the instructor must receive some sort of signed document in writing—e.g. a doctor's note excusing an illness, a letter from a pastor/priest/rabbi or family member excusing absence due to a death in the family, etc.

Required Materials: *Handbook of Recording Engineering* by Eargle, John (0387284702), Second Printing Edition (Paperback - 2005); Springer—required. *Modern Recording Techniques* by Huber, David Miles and Runstein, Robert (0240806255), Sixth Edition (Paperback - 2005); Focal Press—required. Students will also be given copies of Geoff Martin's pdf/on-line book *Introduction to Sound Recording* (2004 edition); (<http://www.tonmeister.ca/main/textbook/index.html>). *Mixing Engineer's Handbook* by Owsinski, Bobby (1598632515); ArtistPro; Second Edition (Paperback - 2006)—required. *Perfecting Sound Forever* by Milner, Greg (0571211658); Faber and Faber; First Edition (Paperback - 2009)—required.

Assignments: Students will regularly be given reading assignments from the four texts mentioned above and will be will be quizzed on the material. In-class Listening Sheets will be collected at the end of the semester. Students will also be assigned various projects to record in the studio (FA 301). Quizzes on lecture material will be administered randomly, and both midterm and final exams will be given. Students will also conduct timbral ear training, using frequency-based training from CDs and software, as well as critical listening of student and professional recordings.

Grading:	Engineered recordings/projects	45%
	Midterm/Final exams	30%
	Other assignments (listening, etc.)	10%
	Timbral ear training	05%
	Quizzes (given randomly)	05%

Grading Scale: A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-59%.

Makeup Policy: Late assignments *are not* accepted. If you have extenuating circumstances you must talk to me first and I must approve of a change *in writing*. You will not be allowed to makeup an exam unless you arrange an alternative solution *in writing* with me before the exam.

Student Learning Outcomes: After successfully completing this course, students will:

- Be able to engineer recordings in the pop music genre in a studio setting
- Have a solid understanding of audio theory, including but not limited to pop recording techniques, psychoacoustics, corrective audio techniques, signal processing, studio business, analog circuitry, metering, and mastering
- Be able to analyze the quality of both professional and student recordings

Studio Security (301): After entering the room by swiping your ID and entering your pin, *immediately* punch in the alarm code—any sort of beeping should cease at that point. When exiting, please *punch in the same code before exiting*. If something goes wrong and you cannot cancel the alarm, please call the campus police department at (817) 272-3381. As the months go by, there will be more and more expensive gear in the studio, so *please* do not give the security code to anyone outside the class. Your maturity and good conduct will keep this program alive. Also, please leave the studio cleaner than you found it.

Communication: I will communicate important information with you via email using the email address you have set up in the MyMav system. You will be held responsible for the information sent there, so ensure you check this email address DAILY. If you need assistance with MyMav, you may contact the Office of Information Technology (<http://oit.uta.edu>).

Important Links:

www.aes.org – Audio Engineering Society homepage

www.aes-sda.org/cms – Student Delegation Assembly site for the AES

www.gearslutz.com – An online forum with all sorts of great information on all kinds of gear

www.tonmeister.ca – The website of Geoff Martin which includes *Introduction to Sound Recording*

AMERICANS WITH DISABILITIES ACT: The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 -- The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans With Disabilities Act - (ADA), pursuant to section 504 of The Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide "**reasonable accommodation**" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with **informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels.**

ACADEMIC INTEGRITY: At UT Arlington, academic dishonesty is completely unacceptable and will not be tolerated in any form, including (but not limited to) "cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts" (UT System Regents' Rule 50101, §2.2). Suspected violations of academic integrity standards will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with

University policy, which may result in suspension or expulsion from the University.

STUDENT SUPPORT SERVICES AVAILABLE: The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. These programs include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

DROP POLICY: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://web.uta.edu/ses/fao>).

STUDENT FEEDBACK SURVEY: At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory will be asked to complete an online Student Feedback Survey (SFS) about the course and how it was taught. Instructions on how to access the SFS system will be sent directly to students through MavMail approximately 10 days before the end of the term. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback data is required by state law; student participation in the SFS program is voluntary.

FINAL REVIEW WEEK: A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.