

**Introduction to Music Technology: Analog**  
MUS 130 01

Tuesday & Thursday 2:00 p.m. – 2:50 p.m.  
2 credits  
Location: Benildus 238

Instructor: Steven M. Miller  
Office: Benildus 237  
Phone: x6197  
Email: [smill@csf.edu](mailto:smill@csf.edu)  
www: <http://pubweb.csf.edu/~smill>

**Abstract:**

This course is intended to offer students an introduction to the concepts, techniques, and equipment that comprise analog music technology. With an emphasis both on the requisite knowledge and hands-on experience, we will cover the basics of such equipment as microphones, mixers, speakers, amplifiers, and basic signal processors. Related topics on AC & DC electricity, signal flow diagrams, system design & troubleshooting, acoustics & psychoacoustics, hearing safety, etc. will be covered. Weekly readings will prepare the students for hands-on practical sessions, lectures on theoretical topics, and discussions.

**Required Texts:**

- 1) Stephen Solum, *The Craft of Controlling Sound*, Sound Lab Learning, 2005
- 2) Other readings available online, on reserve, or distributed in class.

**Expectations Concerning Student Work:**

- 1) Students will attend all classes, and arrive prior to the class time in order to begin class on time. Late arrivals are rude, disrespectful, and disruptive – they will not be tolerated. More than five minutes late will count as an absence for the day. A maximum of two absences will be allowed before the student's grade is affected. It is the student's responsibility to sign in on the roll sheet provided at each class meeting.
- 2) Students will be responsible for completing readings, assignments, and projects. While acknowledging and allowing for special circumstances, students are expected to complete all assignments in a timely manner. Assignments are due at the beginning of the class period on the due date. Late assignments will receive partial credit.
- 3) The attached semester schedule includes dates of reading assignments, course topics, and major assignments. The dates listed are when the assignment, reading, topic, etc., is due and/or will be discussed in class. Students are expected to keep current on all reading assignments in advance of associated in-class discussions, demos, etc.
- 4) There will be 1 (one) mid-term, and 1 (one) final exam. The general content of each will be covered in a study sheet to be distributed approximately 1 (one)

week before the exam dates. The midterm will be a written exam; the final will be practical hands-on tasks and verbal questions.

- 5) There will be any number of pop quizzes over the course of the term, to be determined by class progress and preparedness, time, and instructor's whim; the less prepared the students appear to be, the more likely quizzes will be. Be prepared!

**Grading:**

Participation	20%
Quizzes/Assignments	20%
Midterm Exam	30%
<u>Final Exam</u>	<u>30%</u>
Final Grade	100%

**Americans With Disabilities Act:**

The College of Santa Fe makes every effort to provide appropriate accommodations for students with documented disabilities in compliance with the Americans With Disabilities Act. Students may receive the accommodations if they contact their professor and register with the Disabilities Services Coordinator at the Center for Academic Excellence.

**Note:**

All reasonable attempts will be made to adhere to the schedule & information in this syllabus and schedule. However, the instructor reserves the right to make changes, accommodations, and adaptations based on a number of factors including class progress, special opportunities, etc., as well as occurrences outside the instructor's control.