

MAT 200B

Final Project Assignment

Choose one of three options: PAPER, STUDIO PROJECT, or PROGRAMMING/MAKING, and realize a final project in consultation with the instructor. All projects are presented in class. Here are some possible projects.

1. PAPER: Present an historical or technical paper. See syllabus for details.
2. STUDIO PROJECT USING MULTITRACK RECORDING, EDITING, MIXING: The studio project could be original music or a soundtrack for a video project, an audio documentary, audio play, sound art, environmental, or ambient piece
3. PROGRAMMING/MAKING PROJECT: Develop software and or hardware related to digital audio and music using Matlab, SuperCollider, Csound, C++, Java, Max/MSP, Python, Processing, etc.

Proposal Guidelines

PROPOSAL DUE: Thurs. Oct. 22, 4pm

Please submit a 1-page proposal for your final project.

If your project is a paper (1), your proposal should include a brief overview of your topic, theoretical background, research methods and references.

If you do a studio project (2), your proposal should include:

- A. Background of your project, goals, inspiration
- B. Sound material you plan to use:
 - Recorded instruments, vocals, found objects, environmental sounds
 - Synthesized sounds (describe synthesis methods / techniques)
 - Sample libraries
- C. Processing techniques involved (e.g. reverb, echo, time stretching, pitch shifting)
- D. Software you plan to use (ProTools, Audacity, Metasynth, Reaper, etc.)
- E. Format: Stereo or 4-channel? Is there video?

If you do a programming/making project (3), your proposal should include:

- A. Goals of your project / inspiration
- B. Programming language / environment you plan to use (Max/MSP, Processing, CSound, SuperCollider, PD, etc.)
- C. Is your software interactive? If so, how will users engage with it?
- D. Format: Will you give a performance / demo, create an installation, etc.?

FINAL PROJECT PRESENTATIONS: Tues. Dec. 8, 12pm