

ECE 160/CS 182 – Multimedia Systems

Project Guidelines: Project 2

This document is meant to be used as a guideline for completing the project. Note that this is more specific than the original project instructions.

You must use a digital music composition system to compose and perform a piece of original music. You will be manually entering notes into a staff or a track.

Don't worry about not being musically inclined, the grading is not based on how beautiful it sounds, but more of the technical effort put into your composition.

- The duration of final audio clip is to be less than 30 seconds long.
- Your software package must have the capability of having multiple tracks. Include at LEAST two tracks using different instruments / sounds. The tracks have to be mixed for playback i.e the notes from different instruments should all play simultaneously in your final audio clip, its not like guitar plays first and then drums follow, they should both play at the same time.
- Include audio effects. For example pitch bend, delay, chorus, EQ, distortion, etc. Show that you made an effort to explore the possibilities.
- The clip needs to be demonstrated by you to the TA either on or before the due date in lab. You can also demonstrate it on your own laptop.
- You will be asked a range of questions such as instruments used, what types of effects were used and where they occur in your audio clip.

Report Guidelines:

Your report should include the following (bullet format is okay):

- Audio codec (AAC, MP3, etc) and the reasons for the choice.
- A screen shot of your audio workspace showing your different tracks.
- Software used and the source for the software.
- Previous experience with audio editing software.
- Description of the steps you followed to get the final output.
- Effects used. Also include any effects that you explored but did not use.
- Final thoughts about the project.

To turn in:

CD: Include the finished project exported to a readable format (.wav, .mp3, etc.),

Hard copy of Report: 1-2 pages.