

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 digital music composition software 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 time/effort put into your composition.

- The duration of final audio clip is to be 20 seconds to 1 minute long. Keep it shorter if you're not musically inclined.
- 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.
- 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.