Prerequisite

Programming Languages or permission of instructor

Topics

The following topics will be covered:

- audio formats
- `songlib` programming
- time-domain/frequency-domain processing
- effects
- enhancing vocals

Grading

Grades will be determined by the following percentages:

- 25% Peer assessment
- 25% Instrument samples
- 25% Song and video
- 25% Album

The peer assessment will focus on what kind of support you are providing towards the album. You will not only be graded on what you do, but how fast you do what you do. You will keep a lab notebook that will be witnessed every two weeks by your peers. While witnessing your notebook, your peers will grade your ability to explain what you are doing, your progress towards your goals, and the impact of your effort.

Instrument samples are due by the 8th week of class. They will also be graded by your peers.

All compositions will be graded by your classmates on effort, music, and lyrics.

Finally, your instructor will grade the entire effort of the class with respect to producing an album. If no album is produced, the highest grade you can expect is a C.

The instructor reserves the right to lower the grade of any student who compromises the grading process.
1 In-class performances

You will perform in class three times. The first performance is a capella, the second, karaoke, and the third, a duet. These performances will be considered part of your peer-evaluation grade.

Performances that require a cheat sheet of lyrics will grade no higher than an 85%. Forgetting lyrics or starting over will also reduce your percentage on these tasks.

2 Musical composition

Your composition will mimic the style of 1950’s rock and roll. By the third week of class, you will need to supply your chosen chord progression, in the form of a songlib composition. There will be a five point deduction from your final percentage should you fail to submit a working songlib program with documentation.

Attendance

Attendance is mandatory. Each unexcused absence (beyond the free first unexcused absence) will cause your final percentage in the class to be reduced by 2.0 points.