025:250 COMPOSITION: ELECTRONIC MEDIA I
Fall 2010
Assignment 2, Part I

1. Overview of Assignment 2.
   a. It will be presented in class Oct. 4-6.
   b. Part I of the assignment is described below. The purpose is to reverse and transpose the sound-classes created in Assignment 1.
   c. In Part II, to be discussed in class, all of the sound-classes will be used in Pro Tools to create sound-objects, where a dominant sound is chosen and attack(s) and tail(s) are added.

2. Create reversed sound-classes as follows:
   a. Make a copy of the sound-classes presented as part of Assignment 1 and attach the letter P as a suffix to the file name.
   b. Reverse every sound-class and use fade in/out to shape the sound.
   c. Attach the letter R as a suffix to the file name.
   d. Discard sounds without promise.
   e. Use batch processing to change the pitch of the reversed sounds by + 10 cents. In class discussion of the rationale for doing this.
   f. Use the suffix "+10".
   g. Once the new files have been created, discard all of the R sounds.
   h. Remove the suffix "+10".
   i. In total, you should have all of your original sound-classes from Assignment 1 with the letter P as the suffix.
   j. You should have a number of reversed sound-classes with the letter R as the suffix.

3. Multiply the number of sound-classes using the batch processor to change pitch as follows:
   a. Change pitch by 0 semitones, using the suffix "+00".
   b. Change pitch by -1 semitones, using the suffix "-01".
   c. Repeat 2b above for -2, +1, +2 semitones.
   d. Change pitch by –18, -27, -40, 27, 40, 53 semitones.
   e. Consider working with the promising sounds of 2d above using normalize, fades, and graphic eq.
   f. Discard sounds without promise.
   g. Clean up all sounds by removing excess silence and normalizing.
   h. Store all sound-classes to be used in Part II of the assignment in one folder.