Electronic Media I
Assignment 4
Due Wednesday, Oct. 12

1) Patch Studio 1 as follows:

```
                (1 out) --> (1 in)
                (2 out) --> (2 in)  (L out) --> (1 in)
    Tascam              Mixer              amp
                (3 out) --> (3 in)  (R out) --> (2 in)
                (4 out) --> (4 in)
```

Ampex (out) --> (in) Tascam

2) Set the controls of input channels 1-4 of the mixer as follows: a) faders up; b) monitor levels off; c) pan at center; d) EQ flat (at 0)

3) By recording from the Ampex to the Tascam 4-track, create 6 composite sounds as follows:

Sound 1:   1) Record a short transformed sound (less than 1 sec) onto track 1
            2) Record the same sound, but altered with varispeed onto track 2 beween 0.1 sec and 1 sec later
            3) Repeat with tracks 3 and 4, using different varispeed settings

Sound 2:   Use the same procedures as with Sound 1, but with a different transformed sound.

Sound 3:   Record 4 different transformed sounds onto tracks 1-4 in any order.
            These should overlap and begin and end at different times.

Sound 4:   Use the same procedures as with Sound 3, but with different transformed sounds.

Sound 5:   1) Patch outputs of the Ampex into the mixer inputs 5 and 6
            2) Turn down the faders on channels 5 and 6
            3) Turn up the monitor level on channels 5 and 6
            4) Confirm that the monitor levels on channels 1-4 are down
            5) Turn up the master monitor level
            6) Patch the monitor output to the desired input of the Tascam
            7) Place your Pointillism tape on the Ampex and record any 20 second portion onto track 1 of the Tascam
            8) Record a different 20 second portion onto track 2, and likewise with tracks 3 and 4.

Sound 6:   Repeat the procedures above but using the stereo book-dropping tape.

4) Patch Studio 1 as follows:

```
                (1 out) --> (1 in)
                (2 out) --> (2 in)
    Tascam              Mixer (L out) --> (1 in) Ampex (1 out) --> amp
                (3 out) --> (3 in)
                (4 out) --> (4 in)
```

5) Set the controls of the channel inputs of the mixer as follows:

a) fader up for track playback
b) fader down for track silence
c) pan left
d) desired EQ settings

6) Record 11 versions of Sounds 1-6 onto a single channel of tape on the Ampex by mixing down as follows:

Tascam Channels

Version 1:   1 + 2   [Turn up channel faders 1 and 2 on the mixer and turn down faders 3 and 4]
Version 2:   1 + 3
Version 3:   1 + 4
Version 4:   2 + 3
Version 5:   2 + 4
Version 6:   3 + 4
Version 7:   1 + 2 + 3
Version 8:   1 + 2 + 4
Version 9:   1 + 3 + 4
Version 10:   2 + 3 + 4
Version 11:   1 + 2 + 3 + 4

7) On a sheet of paper, identify these sounds as Sound 1, Version 1; Sound 1, Version 2; etc.

8) Splice leader on the beginning and end of this tape, properly label it (tape speed, channel, direction, etc.) and turn it in Wednesday, Oct. 12 at the beginning of class. Works turned in late will be penalized--no exceptions.

9) Grading criteria:

1) Rhythmic interest
2) Pitch interest
3) Timbral interest and variety
4) Overall compositional interest
5) Production values