

Composition: Electronic Media I
Assignment 2
Due Sept. 19, 1994

1. Have the following materials ready:
 - a) One reel of paper leader tape (kept in a tape box in Studio 1)
 - b) One razor blade
 - c) One dispenser of adhesive splicing tape (an extra spool of splicing tape is kept in a small box in Studio 1)
 - d) Your "Mono Transformations" tape
 - e) Your "Source" tape
 - f) A blank reel of tape
 - g) An empty reel of your own
2. Patch Studio 1 as follows: Tape 2 (1 out) --> (1 in) Tape 3 (1 out) --> (1 in) Crown amp
3. Set up Tapes 2 and 3 as follows:
 - a) Place either your "Mono Transformations" tape or your "Source" tape on Tape 2
 - b) Set up Tape 2 for repro mode on channel 1
 - c) Place a blank reel of tape on Tape 3
 - d) Set up Tape 3 for record mode on channel 1
 - e) Do pre-operations for Tapes 2 and 3
4. Dub from Tape 2 to Tape 3:
 - a) Dub any sound (to be entitled "Sound 1") from Tape 2 to Tape 3
 - b) After 3-5 seconds of silence, dub another sound (to be entitled "Sound 2") from Tape 2 to Tape 3
 - c) Tape 3 should now consist of:
 - i) Sound 1
 - ii) Silence
 - iii) Sound 2
5. Create a new sound, entitled "Composite Sound 1," by splicing Sound 1 and Sound 2 together as follows:
 - a) Play Sound 1
 - b) Stop tape at approximately the point at which you wish to join Sound 1 to Sound 2 (called the "splice point" of Sound 1)
 - c) Press **edit** button (indicator light will come on)
 - d) Rotate reels by hand until the splice point for Sound 1 crosses the repro head
 - e) Rotate the reels so that the splice point is one inch to the right of the repro head
 - f) Cut tape at the splice point with a razor blade. Sound 1 is now on the take-up reel and the supply reel now consists of:
 - i) the left-over portion of Sound 1
 - ii) silence
 - iii) Sound 2
 - g) Thread the tape on the supply reel over the **left tension arm**, under the **impedance roller**, under the **head housing**, and over the **pinch roller**. Rather than continuing to thread this tape around the **guide roller** and onto the take-up reel, instead pull the tape to the right and until it hangs over the right edge of the tape recorder. Place the garbage can directly underneath the tape that is hanging.
 - h) Confirm that the **edit** button is still in the "on" position (light should still be on)
 - i) Press **play**. You should hear: i) the left-over portion of Sound 1; ii) silence; iii) the beginning of Sound 2
 - j) As soon as you hear the beginning of Sound 2, press **stop**
 - k) Grasp the tape with your right hand and place your left hand on the supply reel
 - l) By pulling the tape to your right with your right hand or moving it to your left by turning the supply reel clockwise, you should be able to find the splice point of Sound 2 (the point at which you wish Sound 2 to be joined to the splice point of Sound 1)
 - m) Move the tape so that the splice point is one inch to the right of the repro head
 - n) Cut the tape at the splice point with a razor blade
 - o) Discard the tape to the right of the splice point (consisting of the left-over portion of Sound 1, silence, and the beginning of Sound 2)
 - p) The tape to the left of the splice point (on the supply reel) should consist of the portion of sound 2 that you wish to join to Sound 1
 - q) Turn off the **edit** button
 - r) Splice the head of the tape on the supply reel (consisting of Sound 2) to the tail of the tape on the take-up reel (consisting of sound 1) according to the following directions:

- i) Place the head of the supply reel tape shiny side down onto the splicing block so that the start of the tape lies one-half inch to the right of the diagonal groove
- ii) Place the tail of the take-up reel tape shiny side down onto the splicing block so that the end of the tape lies one-half inch to the left of the diagonal groove
- iii) Confirm that both tapes overlap by one inch
- iv) Cut both tapes down the diagonal groove with a razor blade
- v) Remove both tapes from the splicing block
- vi) Remove the tape scraps from the splicing block and discard in garbage can
- vii) Put both tapes back in the splicing block (shiny side down) and align their diagonal ends together
- viii) Join the two ends with a half inch of splicing tape and rub with finger nail to create a strong bond
- ix) Remove from splicing block, thread the tape normally, rewind, and play (make sure **edit** button is off).

6. Splice leader tape to the head and tail of Composite Sound 1 and store **tail out** on an empty reel labeled: "Composite Sounds."

7. Repeat steps 3-6 to create a total of 5 Composite Sounds. These sounds should be stored on your "Composite Sounds" reel and should be separated by 3-5 feet of leader tape. On a separate sheet of paper give the information for each composite sound as shown by the following example:

- Composite Sound 1: Balloon pop with EQ -- piano cluster 3 with 20/20
 Composite Sound 2: Twirly tube slow with 20/20 -- keys rattling high with rev

8. Your work will be graded according to the following criteria:

- a) Adequate leader tape at the beginning and end of your Composite Sound tape
- b) Adequate leader tape between composite sounds
- c) Quality and strength of all splices
- d) 0 dB volume level wherever possible
- e) Absence of clicks and pops at splice points
- f) Originality and variety of composite sounds
- g) Clear and accurate labeling and description of your composite tape and its contents.