

DESN 275 Assignments Week 5

Assignment 1: Get Studio One up and running on your own computer.

Assignment 2: Re-create a simplified version of the sea storm with Studio One. Create right and left ocean tracks (use Audacity to export a 30 sec pink noise file, and a 30 second white noise file) and drag them into Studio One. Create the rise and fall of the ocean roar with automation. Create the wind by using automation to vary the frequency of an EQ boost on the white noise track. Turn in as mp3.

Also turn in a *screen shot image of the tracks including automation*. (On a Mac, shift + command + 4 allows you to drag around a desired image and quickly export a png file). (In Windows, find the Snipping Tool.)

Assignment 3: Complete a mix of *Lullaby of Birdland*. The tracks were recorded at 110 bpm. Include:

1. Use part of the existing drum tracks (cut and paste) to change the 4-beat drum introduction before the other instruments start, OR to turn it into an 8-beat introduction. This will involve cutting into the drum track, editing the length of the part to use as introduction, and sliding the tracks in time.
2. Use pan to create a stereo spread: Lead soloist in center, bass near center. Other instruments to each side.
3. Insert a channel effect on each track, and add a **little** appropriate EQ or Low-cut to each track.
4. Add a gentle but just audible reverb of about 1 second, with no delay, to the main mix buss.
5. Adjust the mix to a "normalized" level (about 60%) without any clipping. Submit a stereo MP3

Also turn in a screen shot of the tracks with the mixer showing at the bottom.

In-Class Turned In Lab

We will be working on a sample mix in Studio One in class. Turn in a mix at the end of the class for a bit of extra credit.

Reading

After starting Studio One, Use the **Help > Studio One Reference Manual** link on the upper menu.

Read the selected pages listed below, before you start your assignments. There may be a practical editing portion of the final exam, so knowing about these tools will be helpful to you sooner *and* later.

Setup > Creating a New Song

Fundamentals > Non-destructive Editing & Undo

Fundamentals > Drag-and-Drop

Fundamentals > Transport Controls

Editing > Events

Editing > Arrange View and Mouse Tools

Editing > Common Editing Actions

Editing > Track and Event Inspectors

Editing > Editing View

> Event Editing & Audio Editor

Mixing > The Console

> Input Output, Panner, Fader

> Mute Solo, Automation Mode

Automation > What is Automation

> Automation Envelopes On the Track

> Automation Envelopes in Lanes

> Add Automation Envelopes to a Track

> Automation Tracks

As a review, read the study questions and answers marked ✓.

Study Questions

For this week, see the ✓ - marked questions on the accompanying question and answer sheet.