

Weeks Hands-On Test Training Outline Fall 2009

To set up a testing time:

- Sign up for a time at the Studio at least 48 hours prior to the test.
- Email or contact one of us at least 48 hours prior to the test.

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- *Sorry, no written notes allowed*

- *3 strike system for minor errors: 3 strikes and the test must be retaken at another date*

- *Any failed test means a mandatory additional training session before another test can be scheduled.*

1 Hour to do the following:

Setup

- Set up one dynamic and 1 condenser mic
- Turn on Speakers
 - Check fuses, know where fuses are (box in lab)
 - EQ for mains (turn on before turning on amps!)
 - Amps
- Set bit rate & sample rate
- Create new Title, Mix (default settings)

Signal Flow

- Mic Line inputs to channels
 - A1-8 inputs (using External Pre amps)
 - Know how to set up external pre amps!
- Pre/Post Fader Out to Pro Tools
- Assign Pro Tools Outputs to Inputs on Board
- Patching Outboard Gear through Patchnet (what is via digital, what is via patch bay?)

Tracking/Mixing Session

- Create new Pro Tools Session
 - Bit Rate
 - Sample Rate
 - Make sure these are the same as the hardware settings in the machine room...
- Create new audio Tracks
- I/O setup window (correctly for our studio)
 - Check I/O setup before tracking to ensure everything workable
 - Know where default is
 - How to setup if default is wrong
- Assign Inputs/Outputs
- Name channels in Patchnet
- Appropriate Input Level Gain (No Clipping!)
- Assigning Control Room Source (Stereo)
- Panning tracks
- Utilize Aux Master functions (config mode)
 - Creating Stereo Aux Sends
 - Pre Fader
 - On/Off

- Aux-to-Fader
- Unity
- Cue mix configuration
 - Link Aux Sends to Cue Source (Mon. C / Mon. D)
 - Set cue mix volumes and pan
 - Send a click to the headphones
- Talkback mic levels (-30 dB)

System 5 Board Functions

- Solo control (Summing, PFL, AFL)
- Use Channel insert on channel/mix bus
- Use auxiliary effects (Outboard)
- Use board compression, expansion, EQ
 - Switch their DSP order per channel
- Board Groups
- All-All button
- Phase reverse on channel
- Store/Recall Snapshots (board)
- Wave Key Functions
 - Copy/Paste
 - All Key
 - Clear
- Keyed gates!
- Record to/ Listen Back to CD through Finalizer (AES/TOS inputs)
- Loading Default surround on board
- Setup EuCon
 - Connect to local machine
 - Assign Pro-Tools channels to strips (Using Auto function)

Pro-Tools Functions

- Quick Punch Recording
- Assign channel(s) to a group
- Volume automation
- Use auxiliary effects
- Master Fader/ Groups (w/inserts)
- Memory Location Functions
- View CPU / DSP card meter
- Set up click track (using Aux channel, then to channel on the board)
- Change tempo/time signature
- AudioSuite plugins (e.g. Normalize)
- Make a channel inactive, then hide it
- Load Surround I/O setup
- Surround Panning
 - Circular motion automation
 - Center speaker divergence
 - Signal to LFE

Closing a Session

- Re-load default
- Logbook entry when finished