

Ableton Live Workshop

DAY 1

(Ableton Live Introduction, Sequencing, Midi Instruments and effects)

Introducing different sections (15 mins)

- session view/ Arrangement view
- browser and libraries
- clip/ effect chain window (bottom)

Preferences (15 mins)

Look/Feel

Audio

Link/Midi

File/Folder

Library

Record/Warp/Launch

- explaining difference of warped and un-warped tracks

CPU

Audio Editing (20 mins)

- Importing (several)
- Cut, Split, Consolidate
- Looping
- Fades
- Grid

Midi Editing (20 mins)

- Draw mode
- Grid
- Folding
- Loop
- Crop
- Velocity
- Overdub Recording

Drum kits (30 mins)

- creating a drum pattern
- working with grid
- changing samples
- add effect to individual drum sounds (Insert/ Send)
- save your drum kit

Assignments (15 mins) : create a drum beat & assign some parameters to macros, improvise on it.

Instrument rack (15 mins)

- creating layers of synths with chains
- mapping to macros

Midi Effects (30 mins)

- chord and arp (with different synths and piano sounds)
 - create a bass arp
 - a beat accompanying
- Scale
- Pitch
- Random

Assignments (15 mins) : create a groove that will randomly change but would not make notes that are out of the tonality (scale), try to trigger different several music layers with only one track of midi effects

DAY 2

(Synthesis, Audio Effects, Clips, Recording, Sampling)

Sound Synthesis (30 mins):

- **Oscillator section & different algorithm**
- **Filter section**
- **LFO**
- **Envelopes**
- **Pitch env, Glide**
- **Global section**

Assignment (15 mins) : go through each category of operator, listen, play around, make a conscious change in a part of the sound that is already there.

Audio Effects (30 mins):

- **Insert FX vs Send/Return**
- **Reverb**
- **Delay**
- **Auto Filter**

Automation (30 mins):

- **Automation (Session and arrangement view)**
- **Modulations (Session view only)**

Clips (15 mins):

- Warp/ un-warped
- Warping modes
- Quantize Audio

Assignment (15 mins): load a music and quantize it to different tempo, create unusual sounds with warping (stretching / manipulating warping markers), put some effect and modulate them,

Routing (15 mins):

- In/ out different tracks
- Grouping and recording the output

Sampling (45 mins) :

- **Simpler**
 - sampling modes: **Classic/ 1-shot/ Slice**
 - **ADSR envelopes/ LFO/ filter**
 - **global controls**

Assignment (15 mins): Create a synth out of a sample, a beat out of a percussive loop, write a musical sequence, record the outputs to audio tracks.

DAY 3

(Post Production, Notes on Mixing and Mastering)

Effects:

- **EQ**
- **Compressor & Limiter**
- **Utility**
- **Chorus**

Mixing:

- **Leveling**
- **Panning**
- **EQ & Compression**
- **Add Volumes and Depth with Reverb and Delay**

Mastering:

- **EQ**
- **Compression**
- **Limiter**