



Duration:	12 weeks
Course:	Ableton Live
Instructor:	Jason Spanu

Course Objective: This course will provide an introduction to various aspects of composing and performing music using Ableton Live. From studio to stage, students will learn how to use Ableton both as a creative tool and as a performance instrument via theoretical discussion, training, and hands-on composition in the lab.

Bio: With over 25 years experience in the electronic music community, Ableton Certified Trainer, Jason “DJ Shine” Spanu has left his mark all over the world. Whether performing live with his own show or working as a sought-after Ableton playback programmer for countless A-level artists/performers, Shine pushes technical and creative boundaries, often incorporating the latest emerging tech. Names such as Nelly Furtado, Drake, The Weeknd, Lights, Metric, Broken Bells, Passion Pit, Frank Ocean, Childish Gambino, and Marianas Trench have trusted Shine with their tours.

Week	Topic
1	Introduction to Ableton Live. The story and history of its creation and evolution. Its core elements and user interface. Overview of the program and its diverse use cases
2	Recording and Editing MIDI. Navigating the Device Browser. Arranging Clips in the Session View and transferring them to the Arrange Page. Basics of Clip Navigation. Groove Pool and Quantize options.
3	Recording and Warping Audio. Understanding the various time-stretching algorithms. Audio Input and Output routing. Send and Return Effects vs Insert Effects. Grouping audio tracks.
4	Sound design with Ableton's instruments and effects. Max for Live Devices. Getting to know each Device. Grouping Devices to build interesting combinations.
5	Advanced workflow techniques. Freeze and Flatten. Follow Actions. Advanced MIDI routing. Consolidate Time To New Scene. Device Macros. Internal Clip controls with CLYPHX. Generative music creation. Export audio file.
6	Midterm Test - Practical (15%). Assignment 1 will be given out.
7	Using controllers. Push, APC 40, Launchpad, Touchable app. Understanding MIDI remote scripts and their function. Mapping MIDI and key interfaces. Osc.
8	Assignment 1 due 20% Advanced arrangement and editing compositions in Live. How to map out a song and explore its many forms before committing to an arrangement. Consolidate, Fades, Advanced Automation. Assignment 2 will be given out.
9	Advanced interface options. Slice to new MIDI track and converting audio to MIDI. Sample editing. File management and creating Packs.
10	Using Live in the real world. From computer to cash register. Importing and processing stems for live playback. Different ways of organizing live playback sets. How to design the right ways to interface with a live band. Djing with Ableton.
11	Assignment 2 Due (20%) Sync, link and jamming with others. Different ways of connecting and creating. Combining live sets. Interfacing and controlling visuals.
12	Final Examination - Practical (40%)

Evaluation

In-class Exercises	5%
Mid-Term Test	15%
Assignment 1	20%
Assignment 2	20%
Final Exam	40%
Total	100%