



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

Bio: With over 30 years of experience in the electronic music community, Ableton Certified Trainer Jason 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-list artists and performers, Jason pushes technical and creative boundaries, often incorporating the latest emerging technologies. Names such as Nelly Furtado, Drake, The Weeknd, Lights, Metric, Broken Bells, Passion Pit, Frank Ocean, Childish Gambino, and Marianas Trench have trusted Jason with their tours.

Course Objective: As the premier technology trusted by today's artists for creating and performing music, knowledge of Ableton Live software is essential for any student of modern musical arts. This course will provide an introduction to various aspects of composing and performing music using Ableton Live. Beginning with an overview of the history and evolution of the program, students will explore a wide range of use cases and practices. Following this, they will take a practical and in-depth look at the software by deconstructing the various workflows Ableton has become famous for worldwide. 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.

Week	Topic
1	Introduction to Ableton Live. The story and history of its creation and evolution, its core elements, and user interface. An 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 Arrangement Page. Basics of Clip Navigation. Groove Pool and Quantize options. MIDI Tools, MIDI Transformations, and Generators, MIDI Note Probability Groups.
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. Scale Awareness.
5	Advanced workflow techniques. Freeze and Flatten. Follow Actions. MIDI routing. Tuning Systems. Similarity Search, Consolidate Time to New Scene. Device Macros. Generative music creation. Export audio file - Stems.
6	Midterm Test - Practical (20%)
7	Using controllers. Push, APC 40, Launchpad, Touchable app. Understanding MIDI remote scripts and their function. Mapping MIDI and key interfaces. OSC.
8	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. Performance tools.
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	Sync, link, and jamming with others. Different ways of connecting and creating. Combining live sets.
12	Final Examination - Practical (60%)

Evaluation

In-class Exercises	20%
Midterm Test	20%
Final Exam	60%
Total	100%