FREQLAND

mixitecture

SYLLABUS

This course is about working with Frequency in a mix session, specifically for Ableton Live users. The course teaches the universal types of EQ and Filter, the technical skills of using them, and examples of how to apply them to common sounds in electronic music.

RESULTS: *Students will be able to choose the right EQ for each part of the frequency range, and be able to EQ all the common sounds in electronic music session. Students will be able to recognize different types of EQ and Filter in digital and analog settings.*

COURSE CONTENT

Module 1. Introduction and Pre-Requisite reading
Module 2. High-Pass Filter
Module 3. Parametric EQ
Module 4. Low-Shelf Filter
Module 5. Notch Filter
Module 6. Low-Pass Filter
Module 7. High-Shelf Filter
Module 8. Band-Pass Filter

CONTENT: The course work consists of eight modules. Each module has its own Ableton Live set complete with sounds, tutorial video and supporting materials. The lessons use Automation to show the process of EQ'ing, followed by hands-on exercises where students use the EQ or Filter in action.

TIME REQUIRED: Each module should take approximately two hours.

STRUCTURE: The material is presented in a logical order showing which type of EQ to use in Low, Midrange and High frequencies, with examples and practice exercises.

PRE-REQUISITES: Basic knowledge of Ableton Live session view and arrange view, transport and mix functions.

REQUIRED EQUIPMENT: Ableton Live9 and an internet connection are required, plus studio-grade headphones and/or studio monitors.

SUPPORT MATERIALS: pre-requisite reading in PDF, supplemental charts/reading (PDF), and tutorial videos showing how to use the lessons and, when necessary, videos showing other physical examples of the EQ or Filter. Additional materials include audio files for practice exercises and "the answers" to the exercises as screenshots in PDF.

COMMUNICATION about the course and its exercises takes place by weekly email and within a closed facebook group for students, where students are encouraged to post their own music for feedback.

PROGRESS: Students can track their progress within the teachable.com course system, which shows the modules each student has completed, and by doing the included quizzes and practice exercises.

FEEDBACK: There will be an anonymous survey at the end for students to make comments, give feedback and evaluate the course.

INSTRUCTOR
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spring 2017