

Music Technology Project List

Project 1: Loops

Create a song using both audio and midi loops

Purpose: Get acquainted with garage band DAW.

Project 2: Speech project

Cut up a speech and build a loop based song around it.

Purpose: Gain dexterity in clip splitting

Project 3: Drum break cut up

Use the anatomy of a drum beat rules to create a 1-4 measure drum beat. The snare, bass, and high hat sounds come from a cut up drum break.

Purpose: Apply the rules for a drum beat to create an original drum beat. Apply dexterity in clip splitting to isolate individual instruments.

Project 4: Programming a drum beat

Create a drum beat by programming it in MIDI

Purpose: Introduction to editing a drumbeat through MIDI editing on a piano roll

Project 5: Editing MIDI loops

Edit premade MIDI loops.

Purpose: Introduce MIDI editing in a chordal context.

Project 6: Chord progression in the key of C

Use chord progression rules, triad spelling, and root and 5th bass lines to create a chord progression in the key of C

Purpose: Use basic music theory to create a chord progression in MIDI

Project 7: Pop song composition

Either play or program a chord progression, bass line, and drum beat following the verse/chorus format for pop songs.

Purpose: Apply basic music theory and DAW knowledge to complete a full song.

Project 8: Class song competition

Pop song compositions are voted on and the winner becomes the class song. Electronic instruments in the original composition are replaced by acoustic instruments and recorded using recording techniques learned in the recording unit.

Purpose: Combine acoustics, recording techniques, and DAW abilities to make a electro/acoustic version of a song.