

Audio Mixer

Driving Question



<https://music.tutsplus.com/tutorials/eq-for-beginners-part-1-what-you-need-to-know--cms-25827>

Overview

One of the most basic audio-effects is the equalizer. Learning about work with an Equalizer will focus on frequencies, loudness, visual analysis of sound, and signal chains. (ben adds compression)

We will deep-dive into these technical topics and during the course of the class combine this knowledge with practical techniques to help you put all that you've learned into practice.

If you're wondering about how to remove problematic frequencies or how to emphasize the best parts of a sound, you're at the right place. This class will not give you specific values to follow but it aims to help you gain an understanding of how to use and adapt techniques in order for you to be well equipped for any future situation.

Learning Objectives:

- Distinguish different frequency ranges.
- Focus on a particular problem area of your audio and treat it objectively to better your sound.
- Know about the basic parameters of an Equalizer and use them effectively to change audio
- Know the differences between different types of EQs and be able to choose the right one for your circumstances.

Key Vocabulary:

Resources

Lesson Slides

Theta Music Trainer <https://trainer.thetamusic.com/en/content/eq-match>

Pure Mix Ear Training <https://www.puremix.net/ear-training.html>

Lesson Plan

40 mins.

Warm Up:

say Then there's equalization. This vital process is the main tool that we have as mixers that allows us to shape sounds to our liking. Whereas volume balancing allows us to control the overall level of an instrument or voice, EQ allows use to zoom in to a sound and adjust the volume of the individual frequencies.

With EQ alone you can remove nasty elements, exaggerate pleasing elements, make things sound different and create space in your mix.

Listen to the following

5 mins.

Watch:

20 mins.

s

Analyze:

10 mins.

Wrap Up:

5 mins.

1. Ask:

