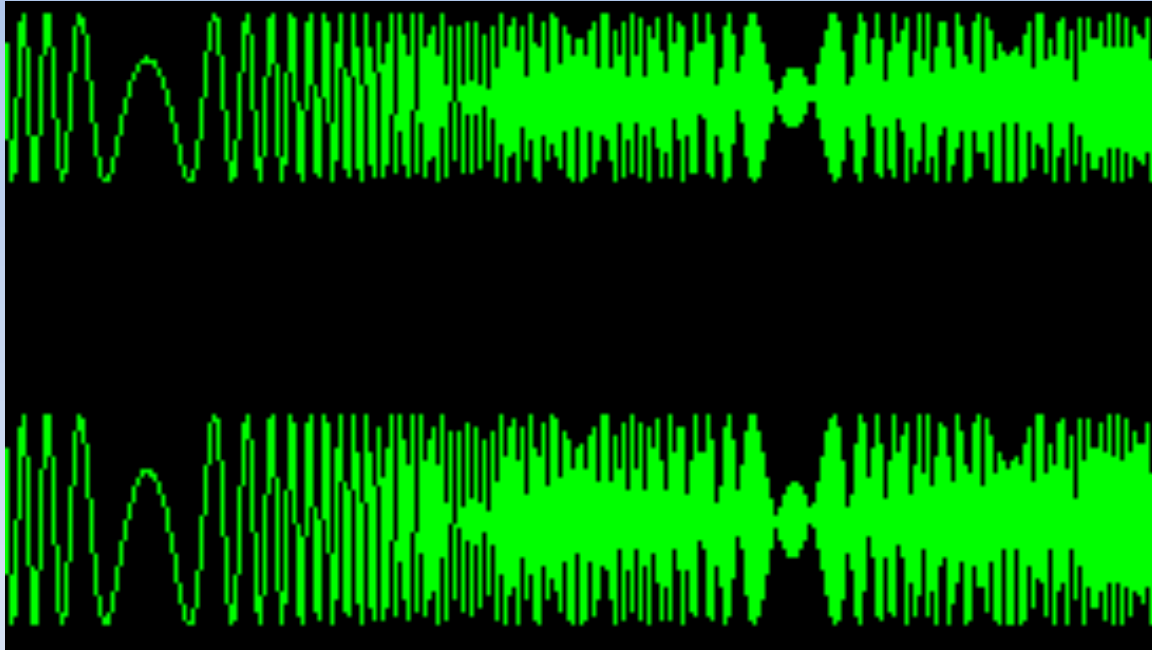




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# ***Post Production Audio***

Make your videos multi-dimensional,  
*Sight & Sound!*



## Cycles Are Our Friends!

Typical wave pattern for audio shows amplitude and frequency (time).

# Initial Approach

- Treat audio the same as video
- Get to know the audio editing tools in your editing program
- Listen to learn the audio in professional videos
- “Shoot to Edit” should include the sound

# Shooting

- Not all video shot will be included, and not all audio should be either.
- Capture native sounds at location.
- Use headphones if possible to hear what your camera is capturing.
- Listen for things that will need to be fixed.

# Editing

- Use the audio editing of your video editor. There are good tools inside it. Learn to use these tools for overall audio levels, adjusting levels in specific areas and removing unwanted audio noises.
- Think about the audio as multi-track editing.

# Augment

- Augment your video editor with a dedicated audio editor like Audacity, Garage Band, Audition (Soundbooth) or similar programs.
- Learn the basics of what shapes sounds, what makes voices and sounds different from each other.

# Augment

- Use the audio editor to do specific things within and to the audio for your video. Use it to create sounds, modify sounds, compliment or change voice, add additional tracks and remove unwanted noise and audio.



# 3 Basic Things

- One - clean up undesirable audio or enhance some parts of the audio.
- Two - modify the audio in certain areas or in certain sounds.
- Three - create or add additional sounds to compliment your audio.

# Clean Up

- Use the audio editor to remove sections or sounds that detract from the video.
- Use Graphic EQ to suppress unwanted frequencies.
- Adjust levels in areas that have unwanted sounds.
- Add or delete silence areas.
- Move audio sections around for story line

# Modify

- Use tools to change things like band-pass, shaping, click removal, etc.
- Use Effects to change audio.
  - Reverb, Echo, Delay, Tremolo
  - Level, Compress, Amplify, EQ
  - Pitch, Speed, Tempo
  - Special tools – Noise Removal, Click Removal, Invert, Split or Create Stereo tracks, even 5.1 Surround

# Create

- Add additional tracks for “other” sounds.
- Add audio or sounds (Foley) to enhance video.
  - Train sounds, nature, crashes, tension music, etc
- Use Balance (and Panning) to increase audio feel.
- Add modified music track to support video.
- Add fades and transitions to audio just like you do to video.

# Increase Your Skillset

- Look at audio as another level of your videos.
- Learn to use the tools so that your video will not be limited by it's sound track.
- Add skills using a separate Audio Editing program, it is really not that hard.
- Have fun and enjoy creating with sound as well as with images!



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