Tech Talk

This class provides an overview of a variety of technology tools and resources. These are simple, relatively inexpensive options you can run from your tablet or phone. This is a very basic and introductory class designed to introduce you to some available options and how you might consider applying them. We'll also talk about the purpose of these tools and how to discern their use and application from a leadership perspective.

Sing to him a new song; play skillfully, and shout for joy.
(Ps 33v3)

"Technology can help us communicate God's truth more clearly, or it can be a major hindrance to that end. It can be a valuable asset or a terrible taskmaster. The difference is in how skillfully we use it."
(Bob Kauflin, <u>Worship Matters</u>)

TERMS & DEFINITIONS:

<u>Metronome:</u> aka click (or click track) - a device that produces a click at a regular interval of time. You set the desired tempo based on the song's beats-per-minute (bpm) and meter. Mechanical metronomes, which have been around for several centuries, have a pendulum that swings back and forth. You can also use an electronic metronome or even a metronome app on your phone.

<u>Guide</u>: a recorded speaking vocal track that counts into the song and also helps the band navigate the song map by identifying each section just before they need to play it.

<u>Loop</u>: A music loop is a section of a piece of music cut in such a way that it can be seamlessly repeated indefinitely by technical means. Loops can range from a few seconds to many minutes in length.

<u>Tracks/Multitracks</u>: the recorded separate, individual elements of an audio production.

<u>Stems</u>: stereo recordings sourced from mixes of multiple individual tracks. For instance, all of the drum and percussion tracks mixed into a single stem. Or all of the keys tracks, etc.

<u>Pads:</u> Pads (or pad loops) are continuous, textured sounds that add layers of depth, feel, and emotion to your music.

<u>Patches:</u> preset keyboard sounds you can purchase and import into a software program such as MainStage, Abelton or Onmisphere.

<u>DAW</u>: Digital Audio Workstation. Software programs used to create and play music. Ex: Ableton, Logic Pro, GarageBand, Pro Tools, etc.

THE APPS:

Tempo	PadsLive	Playback	Prime	MusicStand	OnSong	ChartBuilder
click	Coresound Pads	MultiTracks click, pads, tracks	Loop Community pads, tracks	Planning Center chord charts	chord charts	MultiTracks chord charts

PADS

Benefits: _____

Challenges: _____

Application/Implementation considerations: _____
_____

Featured Apps: **PadsLive** or **Playback**.

Gear/Set-up:
- An iPhone or iPad to run the app / audio jack adapter as needed / set to 'do not disturb' or use in airplane mode
- A 1/8" male to 1/4" male cable
- A direct box & an XLR cable (the same way you would plug a guitar or piano into your system)

METRONOME (Click)

Benefits: _____

Challenges: _____

Application/Implementation considerations: _____
_____

Featured Apps: **Tempo** or **Playback**. Both of these apps are inexpensive, user-friendly and allow you to set up playlists, which is essential for live performance. Playback has a bit more functionality and can also be paired with pads and/or tracks.

Gear/Set-up:
- An in-ear monitor system
- An iPhone or iPad to run the app / audio jack adapter as needed / 'do not disturb' or airplane mode
- A 1/8" male to 1/4" male cable
- A direct box & an XLR cable

TRACKS

Benefits: _____

Challenges: _____

Application/Implementation considerations: _____
_____

Featured App: **Playback**.
Other Apps/Programs: Loop Community's Prime App, a DAW.

Gear/Set-up for **Playback**:
- An in-ear monitor system
- An iPhone or iPad to run Playback (or Prime. DAWs are run from a Mac)
- Set device to airplane mode
- Audio jack adapter as needed

- o Tracks are either purchased or rented from the MultiTracks website (Loop Community also sells tracks)
- o A direct box OR an interface

CHORD CHARTS

Benefits: _____

Challenges: _____

Application/Implementation considerations: _____

_____

Featured Apps: **MusicStand**, **OnSong**

Gear/Set-up:
- o An iPhone or iPad to run the app / 'do not disturb' mode
- o Optional: Bluetooth pedal for hands-free operation
- o Wi-Fi access to download the current set and for full functionality of features.

Vendor Websites:

CORESOUND PADS - https://coresoundpads.com

MULTiTRACKS - https://www.multitracks.com

PLANNING CENTER SERVICES - https://planning.center/services

THAT WORSHIP SOUND - https://thatworshipsound.com

WORSHIP TUTORIALS - https://www.worshiptutorials.com

LOOP COMMUNITY - https://loopcommunity.com

ABLETON - https://www.ableton.com

I'm delighted to be part of the faculty at WorshipNW again this year!
I've been involved in worship/music ministry and leading teams and congregational worship for about thirty years.
I'm currently part of the creative arts department leadership team at River Valley Church in Grants Pass, Oregon.
In addition to leading worship at our various campuses, I'm also involved in vision-casting and leadership development. I love leading congregations in praise & worship as well as encouraging, training, teaching and equipping other worship leaders & teams!
Thank you for your time. I hope you found this class discussion valuable.
Please feel free to reach out to me if I can be of any help to you or your team.
Also ~ I'd love to connect with you on Instagram (@mhaywoodsmithmusic) and Facebook (@michellehaywoodsmithmusic)
Thanks! Michelle