



City College E-Learning Workshop Notes Captioning and universal design

Participants

Andy Sullivan	Erica Shea	Christine Whitlatch
Dr. Kendrick	Eric Gilbertsen	Nicholas Drzycimski

Workshop Plan

- Discuss strategies we have used to caption content and build inclusive content for our classes. Compare our methods. Share some good ideas we can take back and try in our classes.

Discussion Notes:

- The quality of auto-captioning is improving with some tools offering impressive performance like WebEx and YouTube. What level of accuracy is adequate for a class with students who may have hearing disabilities? **95% is the current standard from the government entity.** Focus is on if meaning came across more than individual letters or words. Microsoft Stream seems like it might be more accurate than WebEx.
- Perfectly captioned videos can be made if you have a transcript. My video "[Accurately and easily add captions to your videos](#)" shows you how using YouTube. The technique helps to make an organized video where you read the script oriented near your webcam so it appears you are not using a script.
- I used to post audio recordings without transcripts. YuJa is a software package that the University is evaluating that has audio auto transcription functionality. The audio file is transcribed online and you receive an email when it is complete. Accuracy will be limited by the technology. YuJa might be a leader in terms of accuracy right now (about 95%).
- PowerPoint can now add auto captions too.
- Can put a corner video in PowerPoint too. This is part of the record slideshow function.
- Has anyone used Dragon Dictate or other tools that might work even better?
- I find that a headset helps with audio quality and I think it makes auto captions more accurate. I like the Logitech H390 USB headset for \$29.99.
- Dawn can provide a Kimafun 2.4G Wireless Lapel Microphone so you speak closer to a mic than if using a laptop.
- Reviewing auto caption quality is a good way to improve your speaking style to improve clarity and eliminate distracting practices like "ums".
- ADA compliant guidelines for captions are available online.
- We have remote access to Camtasia 2020 that can be scheduled by contacting Nick at remote_earning_lab@msubillings.edu. They can be used in the E-Learning lab or remotely. Load a video, it will automatically recognize text, then fix it the captions in place on the video.



Follow Ups:

-