

**Alternative Instruction Days (AID)
Teaching Technology Matrix**

Teaching	Technology	Description	Strategies	Tutorials
Collaborative writing	Google Drive	Google Drive contains freely available applications for creating and sharing documents, slides, spreadsheets, and other texts.	Create and share open folders and documents with individuals as well as small and large groups.	https://www.youtube.com/watch?v=6NLYbzXVJaY
Online surveys, polls, or quizzes	Google Forms	Free application for designing question based document, with results aggregated in single Google Sheet. Multiple choice, short answer, short essay, and matching.	Effective tool for open-note quizzes or sending a video with attached questions. Results are easily viewed. Also good for any sort of survey.	https://www.youtube.com/watch?v=oP7fx0dmrx4
Collaboration and Video Conferencing	Skype (PC or Mac) Google Hangout (PC or Mac)	There are a variety of video conferencing tools that are	Very efficient for holding a lecture/discussion from a distance	Skype: https://www.youtube.com/watch?v=iLAXW4nOCa4 Hangout: https://www.youtube.com/watch?v=8VIm5ctUnf0

		(mostly) free. Google Hangouts is free, but limited to 10 participants. Skype is free up to 25.	with multiple participants.	
Live Streaming	Hangouts on Air	Broadcast video live through Google, YouTube, or class website	Useful for lecture-only; not good for discussion since it's only one-way.	https://www.youtube.com/watch?v=Z7p9v6TWAUQ
Video Publishing	YouTube Vimeo	Create videos containing course content, course lessons, or modules	Great for creating supplementary class materials, tutorials, lectures, etc that could be used for years.	YouTube: https://www.youtube.com/watch?v=Hlxqk0iHp5w Vimeo: https://www.youtube.com/watch?v=D4Px5HDgehs
Video Creation	Movie Maker (PC) iMovie (Mac)	Simple video editing & processing	Useful programs to easily edit any video you create.	Movie Maker: https://vimeo.com/blog/post/ep-1-introducing-windows-movie-maker iMovie: https://www.youtube.com/watch?v=j9LcLENceNE
Video Creation with Interactive Elements	Zaption	Create videos and embed questions within the video; answers are sent to the instructor.	Effective for formative assessment of videos (for example, a video automatically pauses to ask a question)	https://zaption.zendesk.com/hc/en-us/articles/203066145-Create-a-Lesson-Quick-Video-Tutorial
Screen capture and screencasting	Jing Screencast-O-Matic	Capture basic video, animations, and images	Capture what you see on your screen, record what you're doing	Jing: https://www.techsmith.com/tutorial-jing.html S-O-M: http://www.screencast.com/help/

		off of computer screen. S-O-M primarily for screen recording.	on your screen, and send videos or screen captures.	
Create interesting infographics	Easel.ly	Create and share visual ideas online	Useful for making charts, data, etc more visually engaging.	http://www.easel.ly/
Interactive Images & Videos	Thinglink	Add interactive media content to any image or video.	Create more engaging content for online materials.	http://www.thinglink.com
Interactive Timeline	TimelineJS	Create a visually appealing timeline with embedded videos and pictures.	Good for either creating a narrative as instructional material or getting students to use it in a project.	https://timeline.knightlab.com
Alternative to PowerPoint; Visual Design Tool	Prezi	Create a more appealing presentation, not based upon slides.	The general use is for basic presentations; it includes visual elements that make content interesting and interactive.	https://prezi.com/support/
Collaborative content app (for phone or PC/Mac)	Evernote	Share and collaborate with content; similar to Google Docs, with shared	A powerful tool for collaborative work; useful in groups where people already	https://help.evernote.com/hc/en-us/articles/209006037-Videos-Getting-Started-with-Evernote-for-Windows?v=dMzVpibzCzl

		editing and view-only privileges.	use the app/program.	
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