

# Adapted Technology for note-taking

## Agenda:

Considerations for students with disabilities

DRC Adapted Technology accommodations

Student tech "out in the wild"

Note-taking discussion

Sign-in and feedback



# Student Experience of Educational Limitations

Perceptual, motor and/or processing differences

Unique barriers to full participation in educational opportunities

Impact on learning strategies, incl. time-management & organization

*Education is not always built to accommodate maximum diversity*

# DRC Audio recorded lecture / Note-taking accommodations

DRC Audio Agreement

Livescribe Smartpen: Audio capture & sync to hand-written notes

Otter AI: Audio capture, transcription & summary

*Let's try it out*

# Livescribe Smartpen

## Features:

Syncs audio + writing

Tap notes to replay audio

Full-size notebook supports column/matrix arrangement & drawing/concept mapping

*More flexible, not necessarily reusable*



# Otter AI Transcription

## Features:

- Real-time transcription

- Searchable transcripts

- Linked summary to lecture highlights

- Exportable for review and revision in digital or print format

*Easily transferable, but passive*

# "Out in the Wild": Student-Chosen Tools

Examples: Genio (formerly Glean), Wave, Coconote

Audio-recording & transcription

Auto flashcards & quizzes

One-click summaries

Concept mapping

Potential pitfalls:

AI models not transparent, incl. training policy

Privacy and security practices

Accuracy and relevance



# Lecture Recordings

Access to complement in-person attendance

Opportunity for absorbing the lecture with a “safety net” mindset

Reduce stress potentially associated with note-taking in class

*Time-shifting original content*



# Note-taking Discussion

Encoding & storage formats for asynchronous access matter...

...but **revision into effectively structured notes** is key

Long-term learning through retrieval practice, elaboration, and spaced repetition

*Time-shifting key concepts & relationships*





# Supporting alternative lecture formats

*Preparation outside of classroom, and for participation in “flipped” classroom activities*

Highlights challenges

- Equity of digital and home environments

- Nature of instruction and prompts for contributions

- Potentially elevated time-management and organization requirements

*Note-taking as the building block for student learning outcomes*

# Sign-in and feedback

