TECHNOLOGY RESOURCES FOR UC DAVIS STUDENTS

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STUDENT DISABILITY CENTER

AGENDA

About the SDC
Accessible Technology:
  • eReading
  • Magnification tools
  • Text to Speech (TTS)
  • Notetaking apps
  • Dictation apps
Cloud
Testing Center

Jordan, Class of 2020
“Defining myself, as opposed to being defined by others, is one of the most difficult challenges I face.” - Carol Maseley
STUDENT DISABILITY CENTER

SDC Purpose

• Facilitate equal opportunity and full participation in UCD programs, services, and activities
• Students
  - Provide guidance and support to students
  - Evaluate accommodation requests, extend services
• Faculty/Community Partners
  - Serve as an informational and consultation resource
  - Protect academic rigor and technical standards
• Institution
  - Create a welcoming office and community
  - Ensure that the University meets legal obligations

Inclusion

• The presence of disability is an expression of human diversity
• Nationally, 9-11% of higher education students disclose disability and request accommodation
• 2,012 students were registered with the SDC, or about 6% during the 2019/2020 academic year
Total Students Served Per Academic Year 2010-2020

Total Students Served by Disability Type 2019-2020
Confidentiality

- Student must disclose their disability to SDC and follow policy to receive official academic accommodations.

- Accommodation information is released to facilitate services on a need to know basis – disability information is not shared.

- Records are kept separate from other academic and institutional records and do not appear on transcripts or diplomas.

Tips for Students

- Reach out to the Student Disability Center early to learn what services are available and how to access them – even if you aren’t sure that you will use them.

- Students may become eligible for services at any point during the academic year, however, it can take a couple of weeks to put services into place.

- Keep in mind that the quarter system is just 10 weeks long, exams and deadlines come up quickly.
Tips for Instructors

- Students may not realize that they qualify for services through the SDC
- Students may become eligible for services at any point during the academic year
- Assume that students will use all of the services outlined in their Letter of Accommodation
- Students may require accommodation services beyond the classroom such as when working with Housing, Advising, Tutoring Services, OSSJA, ..

CART and Interpreting

- All captioning and interpreting for course content are scheduled by the SDC.
- Beth Stein - brstein@ucdavis.edu
- 3 CART staff
- 2 Interpreting staff
- Eaton Interpreting
- West Coast Captioning

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Assistive Technologies

Dyslexia

A friend who has dyslexia once told me how she experiences reading. She can read, but it takes a lot of concentration, and the letters seem to “jumble around.”

I remember reading about Thibaut. Wasn’t it to be published in a webinar with Jiravapalo? Sure it would.

Feel like marring a baanolodik of tils or sothinm? Fink it on giuhb.

Dyslexia is characterized by difficulty with reading to read at the normal pace. They have trouble with phonological awareness, phonological processing, phonemic awareness, and/or reading comprehension.

Delmaeopvst reading disorder (DRD) is the most common reading disability. Dyslexia is the most frequent of reading disorders, however not all reading disorders are linked to dyslexia.
OrCAM

- OCR and read content on the fly

NuEyes

- Android OS
- OCR and Magnification (12x)
- Mobile CCTV
**Vision Buddy**

- VR Magnification
- HDMI input
- Wireless

**SensusAccess Document Converter**

- Optical Character Recognition built in
- Heavy and/or busy graphics may cause issues
- Poorly scanned PDF’s/files will provide poor results
- Accessible Word files will convert into Accessible PDF’s
- ePub (Mobile Devices) and MOBI (Kindle) conversions supported

- For problems or assistance, email sensusaccess@ucdavis.edu
SensusAccess Document Converter

- Online web portal for document conversions
- Convert JPEG, BMP, PDF, and more into other accessible formats!
  - Audio and braille conversions supported
- 4 step process
  1) Submit text, URL, or browse for a file to upload
  2) Select output
  3) Specify request
  4) Submit UC Davis email for retrieval
- Takes approximately 10 – 15 minutes to process
- Files < 30M are sent as an attachment, files > 30M can be downloaded

SensusAccess email & LTI

SensusAccess email:
- convert@sensusaccess.com
- Subject (DOC, DOCX, TXT, PDF, & HTML)
- Attach document to email

Enable SensusAccess LTI for Canvas:
STUDENT DISABILITY CENTER

LiveScribe SmartPen

- Write notes on special LiveScribe paper recording handwritten notes & audio.
  - Handwritten notes act as a bookmark for audio playback.
- Sync with desktop software to charge Smartpen and backup notes.
- 2G models can record up to 150 hours of lecture
Sonocent Audio Notetaker

- **Android & iOS mobile apps**
  - Record audio
  - Take pictures of slides
  - Type in text notes
- **Mac & PC desktop software**
  - Cornell notes layout
  - Audio Clean up capabilities
  - Audio Replace capabilities
  - Ties into Dragon Naturally Speaking
Otter.ai

- Automatic Speech Recognition
- Artificial Intelligence
- Add words and names
- Search through transcript
- Highlights and image

OneNote

- Office365
- OneDrive Sync & Share
Honorable Mentions

- Notability
- GoodNotes

Dictation Apps

PC
- Dragon Naturally Speaking

Mac
- Voice Control
- Dictate
Center for Accessible Technology (CAT) Lab

- http://cat.ucdavis.edu
- 6 Mac Minis
- Hovercam scanner
- ScanSnap document scanner
- Epson flatbed scanner
- CCTV document reader
- Additional accessible input devices available upon request

Cloud Services

- OneDrive
- Google Drive
- Box.com
Box.com

- [https://ucdavis.box.com](https://ucdavis.box.com)
- Box Drive is available for personal computers
- Mobile app available, but requires iOS 12.0+
- Storage UNLIMITED!

- Can set to auto save photos and files to cloud (not automatic)
- Login with Single Sign On (SSO) using your Kerberos information
- Can recover deleted content
- Add-ons and plug-ins available for multi-user editing

- After graduation, student maintains access to all files.
  - Up to 10G available for storage. May not be able to upload, but can download files.
STUDENT DISABILITY CENTER

SDC Testing Center

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Questions?
Thank you for attending!

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