

UNIVERSITY OF DENVER SPECIAL EVENT

# Global Accessibility Awareness Day



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Number of  
American adults  
that have  
reading  
dyslexia?

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Dyslexia affects about 15 to 20 percent of the population, making it the most commonly diagnosed learning disability.



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What are examples of neurodiverse?

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ADHD, Autism, Dyspraxia, Dyslexia, Dyscalculia, Dysgraphia, and Tourette's syndrome are all examples of neurodiverse conditions.

Accessible materials can benefit students who are neurodiverse.



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How do I make  
book scans  
accessible?

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In order to make an image-based PDF accessible, the content creator should convert the text using optical character recognition (OCR) software (such as Adobe Acrobat Pro or ABBYY Fine Reader). Screen readers cannot access inaccessible scans.



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## Top 5 Characteristics of an Accessible PDF (Acrobat Pro)

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1. Searchable text
  2. Alternate text descriptions
  3. Fonts that allow characters to be extracted to text
  4. Reading order and document structure tags
  5. Interactive form fields



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What is  
Kurzweil 3000?

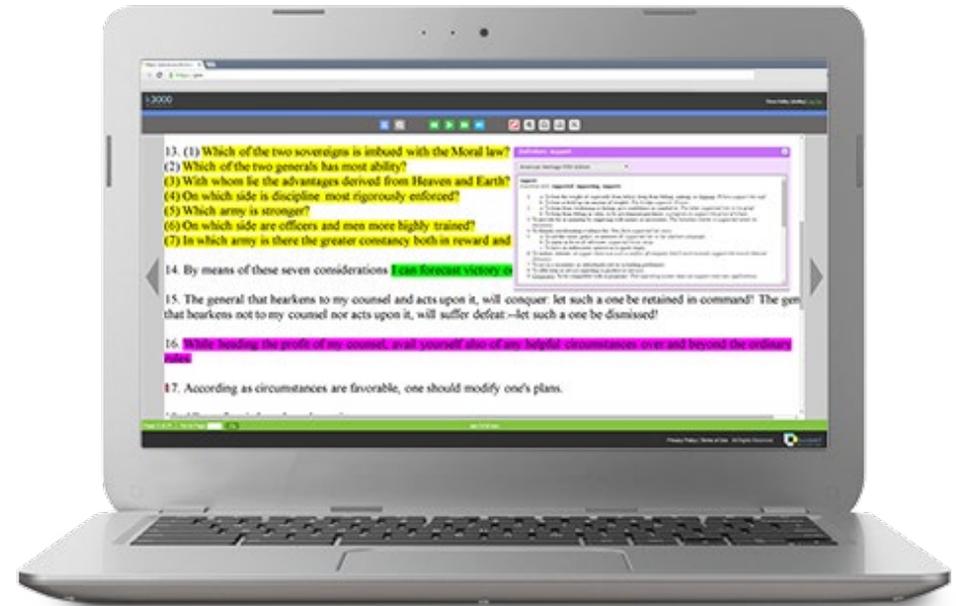
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Kurzweil 3000 is a reading, writing, and learning software solution to assist individuals with learning differences, phonological processing, awareness, vocabulary development, reading fluency, and reading comprehension.



Did you know?

Kurzweil 3000 is available on request for all DU students, staff, and faculty!



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## Top 5 Website Accessibility Tips

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1. Add proper alt text to images.
  2. Use headings properly.
  3. Avoid using tiny fonts.
  4. Add labels on form fields.
  5. Provide sufficient color contrast.



Does DU have a free video closed caption editor?

Yes, DU Media Space provides closed caption support.

### Closed Captions Editor

[Back](#)

Captions English - English [Revert](#) [Save](#)

Search in Captions Replace with Replace Add Speaker Add

Start Time	End Time	Caption Text
00:01:40,040	00:01:42,769	Equity Committee who are here with us today,
00:01:42,769	00:01:43,969	I had the pleasure of meeting

44/60

Equity Committee who are here with us today.

1:40 / 1:53:14  Autoscroll



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Closed captions should be:

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- Accurate, synchronous, complete, and properly placed.
  - Identify speakers.
  - Not exceed 35 characters per line and no more than 2 lines per frame.
  - Should have basic grammar to improve reading.



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What does a screen reader do?

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Screen readers convert digital text into synthesized speech. They empower users to hear content and navigate with the keyboard. The technology helps people with different disabilities use information technology with the same level of independence and privacy as anyone else.



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How fast can Bill process text using his screen reader?

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Bill Casson (DU Digital Accessibility Specialist) can process about 275 words per minute using his screen reader.



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How do dictation software programs work?

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Dictation software programs work by using speech recognition algorithms to convert spoken words to text. This provides access to typing without relying on the use of a keyboard. For some, it can be faster than typing and much more accessible.



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# Thank You

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For more information, please visit our website:

**[accessibility.du.edu](https://accessibility.du.edu)**

