# Multimedia Accessibility for OER

This document contains an outline format of the slide presentation with links provided.

## Web Content Accessibility Guidelines

* WCAG Media Related Success Criteria  
  <https://www.w3.org/TR/UNDERSTANDING-WCAG20/media-equiv.html>
* WCAG Time-Based Media Alternatives  
  <https://www.w3.org/WAI/media/av/>
* WCAG Compliance Levels  
  <https://www.w3.org/WAI/WCAG2AA-Conformance>
* WCAG Pre-Recorded Media Compliance Levels  
  <https://pressbooks.library.ryerson.ca/iwacc/chapter/1-2-time-based-media-level-a/>   
  <https://pressbooks.library.ryerson.ca/iwacc/chapter/1-2-time-based-media-level-aa/>

## Making Multimedia Accessible

* Captions  
  <https://www.w3.org/WAI/perspective-videos/captions/>
* Post-Production Caption Creation
  + Automated Services
    - My Media (Kaltura) in Collab  
      <https://uvacollab.screenstepslive.com/m/integrations/l/1187478-how-do-i-automatically-generate-and-edit-captions-in-my-media>
    - Studio in Canvas  
      <https://community.canvaslms.com/t5/Studio/How-do-I-upload-a-caption-file-to-Canvas-Studio-media/ta-p/1702>
    - YouTube  
      <https://support.google.com/youtube/answer/6373554?hl=en>
  + Professional Services
    - 3PlayMedia  
      <https://go.3playmedia.com/custom-virginia>
    - Cielo24  
      <https://cielo24.com/partners/VASCUPP/>
    - VerbIT  
      <https://info.verbit.ai/Virginia>
* Transcripts  
  <https://a11yrules.com/series/a11y-rules-podcast/> (select a podcast to see a visual demonstration of a transcript below the audio player)
* Transcript Creation (see links for Caption Creation)
* Library Resources
  + Captioning & Transcription  
    <https://www.library.virginia.edu/services/accessibility-services/captioning>
  + Professional captioning services and cost  
    <https://www.library.virginia.edu/services/accessibility-services/captioning/professional>
* Audio Descriptions
* Audio Description Examples
  + WebAIM’s audio description example  
    <https://webaim.org/techniques/captions/#ad>
  + American Council of the Blind’s examples of audio descriptions  
    <https://adp.acb.org/samples.html>
* Audio Description Creation
  + Web Accessibility Initiative: Making Audio and Video Media Accessible  
    <https://www.w3.org/WAI/media/av/>
  + U.S. GSA Section 508: Create Accessible Synchronized Media Content  
    <https://www.section508.gov/create/synchronized-media/>
  + 3PlayMedia: Ultimate Guide to Audio Description  
    <https://www.3playmedia.com/learn/popular-topics/audio-description/>
* Audio Description Explanation and How To Do It

<https://www.youtube.com/watch?v=OGVAAmRPukA> (hour long video)  
<https://www.blackmagicdesign.com/products/davinciresolve> (DaVinci Resolve)

* Other Multimedia Level AA Accessibility Requirements
  + Avoid creating video that contains anything that flashes more than 3 times in any one second period which can cause someone to have a seizure.  
    <https://www.epilepsy.org.uk/info/photosensitive-epilepsy/web-design>
  + If media auto-plays and lasts more than 5 seconds provide a way to stop, pause, or hide it.  
    <https://dequeuniversity.com/checklists/web/audiovideo>

## Image Alternatives

* Alternative Text For Images  
  <https://www.w3.org/WAI/tutorials/images/>   
  <https://webaim.org/techniques/images/>
  + Take advantage of the image alt decision tree what WAI offers when needed  
    <https://www.w3.org/WAI/tutorials/images/decision-tree/>

## Extra! Extra! What About Hyperlink Text?

* Appropriate Link Text  
  <https://webaim.org/techniques/hypertext/link_text#text>
* How Links Look  
  <https://webaim.org/techniques/hypertext/link_text#appearance>
  + If using color alone to identify links, make sure there is sufficient color contrast  
    <https://webaim.org/resources/linkcontrastchecker/>
  + Color contrast is important for focus and hover states  
    <https://webaim.org/resources/contrastchecker/>

## Questions & Answers