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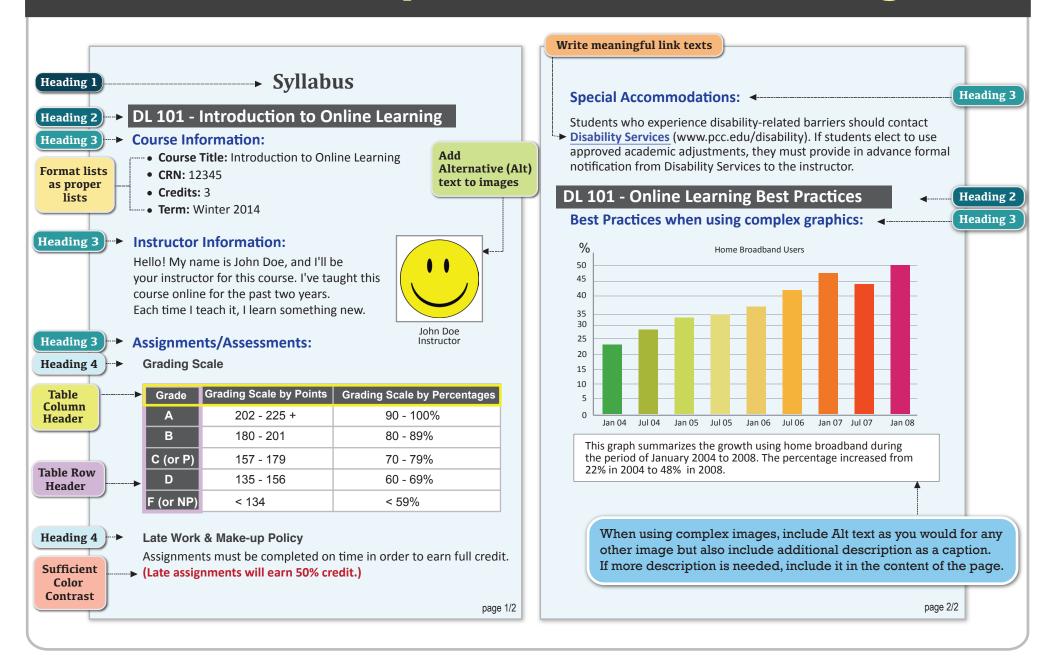
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The Anatomy of an Accessible Page





WEB Accessibility Guidelines

Component	Guideline	Why Is This Important?
Headings	Use properly formatted headings to structure a page.	Headings help to organize content, making it easier for everyone to read. Headings are also a primary way for people using screen reading software to navigate a page of text.
Lists	Format lists as proper lists.	Formatting is conveyed to assistive technologies and mobile devices so they can present information as it's meant to be presented. Properly formatted documents are more understandable and accessible.
Links	Write meaningful link text.	Links embedded in text should describe the link's destination. This helps all users navigate more efficiently, especially screen reader users.
Tables	Create tables with column and/or row headers, and ensure a proper reading order.	 Why Column Headers in a Data Table are Important Using table headers is important to conveying tabular data accurately. Why the Reading Order in a Table is Important Screen readers read tables from left to right, top to bottom, one cell at a time (& only once). If cells are split or merged, it could throw the reading order off which may make the table difficult to comprehend by users who are blind and using a screen reader to navigate.
Color	 Use sufficient color contrast. Don't use color alone to convey meaning. 	Without sufficient color contrast between font and background, people who are color blind and low vision will not benefit from the information. And using color alone to convey meaning will leave those who are color blind or blind unable to interpret the meaning.
Keyboard	Ensure that any action that uses a mouse can also be completed using only the keyboard.	Mobility and visual disabilities often make using a mouse impossible or ineffective. If content is not keyboard accessible, it will limit who can learn from the content.
Images	Provide alternative (Alt) text and title descriptions for images.	Alt text is read by a screen reader. It should adequately describe what is being displayed and why it's important. This allows screen reader users to benefit from the information being conveyed by the image, even if they cannot see it.



WEB Accessibility Guidelines

Component	Guideline	Why Is This Important?
Navigation	Design clear and consistent navigation.	Clear and consistent navigation in your course will allow students to focus on your content rather than on how to find it.
Blinking	Eliminate or limit blinking / flashing content to 3 seconds.	Blinking content is distracting, and it can cause seizures to occur in people with a photosensitive disorder.
Forms	 Label form fields and buttons clearly. Ensure a proper logical reading order in a form. 	 Why the reading order of a form is important Using the tab key, your cursor should follow through the form in the same order it is intended to be completed. This benefits users who cannot use a mouse. Why labeling buttons and form fields is important A screen reader will identify the button or form field by reading the label. The label should adequately describe the button's action, and the form field label should indicate what information should be filled in to the form field.
CC Video	All video and audio files need to be captioned/transcribed.	Video captions benefit many viewers. Captions are essential for those who are deaf and hard of hearing, but they also aid in comprehension for non-native English speakers, those who are unfamiliar with vocabulary, and viewers with some learning disabilities or in a noisy environment.
Audio		Audio transcripts benefit many students. They are essential for those who are deaf or hard of hearing, but they also assist anyone who would like to read or search the transcript.
Software	Require only accessible software & applications.	Inaccessible software and applications will shut students with disabilities out. Contact the DRC to have your interactive applications and software accessibility tested.
Math & Science	Write math and science equations accessibly.	For web pages, use an equation editor that outputs MathML. For MS Word and PPT documents, use the MathType plugin.

Accessible Canvas Web Pages

Component	Accessibility Guideline	How to Make it Accessible
Page Template	Use the most current Canvas Master Template	If you don't have the most current template, contact your instructional designer.
Headings	Properly format headings.Use headings in the correct order.	 Highlight the text and select the Heading # from the Format drop-down menu on the tool bar. There should be only one Heading 1 (h1) per page. But there can be multiple h2, h3, h4, h5, h6. DO NOT skip heading levels.
Images	Add alternative (Alt) text and title tags to images.	 Place the cursor where you want to insert an image, and click the Embed image icon from the toolbar. The Insert/Edit Image window will open. Browse to the image location and select the image file. Under the Attributes section, describe the purpose of the image in the Alt Text field, or check the box if the image is just decorative. Click Update button.
Lists	 Format a list as a list using Ordered or Unordered lists. 	 Select the content you want to make into a list. From the toolbar, click the Unordered/Bulleted list icon if the order doesn't matter.
Links	 Write meaningful link text that indicates the link's destination and include the title tag. 	 Highlight meaningful text for the link (ex. FIU Online) Select CTRL + K (Windows) or Command + K (Mac), enter the URL, the text to display (meaning text) and the Title of the link (ex. FIU nline Homepage) Click Ok.

Accessible Canvas Web Pages

Component	Best Practices	How to Make it Accessible
Tables	Indicate column (or row) headers in data tables.	 Select the cells to be marked up as a row or column header. Click on the drop-down menu next to the Table icon in the toolbar. Choose Cell and then Cell Properties. The Table cell properties window will open. In the Cell type field, click on the drop-down list and select Row Header or Column Header. Click Ok
	■ Add table caption.	 Select the table and click on the drop down menu next to the Table icon. Select Table Properties, and check Include Caption. Click Ok when done.
	■ Check the reading order.	 A screen reader reads tables from left to right, and top to bottom, never repeating a cell. Merged, nested, and split cells may alter the reading order of a table. Make sure you construct your tables in a way that accommodates a good reading order.
Color	■ Use sufficient color contrast.	 Select the text that you want to change to another color. Click drop-down menu next to the Apply Color icon in the toolbar. Select the color
	Don't use color alone to convey meaning.	Don't use color alone to make a distinction, a comparison or to set something apart from the rest of the web page. If you categorize something by color alone, those who are color blind or blind will not benefit from the color distinction.
Math & Science	Write math and science equations using MathML.	Use the Canvas equation editor. For more information, go to the Math & Science page in this handbook.
Multimedia	 Eliminate or limit blinking/flashing co Make sure all mouse actions can all 	ontent to 3 seconds. so be completed with a keyboard alone (without a mouse.)



Accessible PowerPoints & Google Slides

Component	PowerPoint (2011, 2013, 2016)	Google Slides	
Outline View Check the outline view.	 Click on View tab (Mac: View > Outline View icon - PPT 2016.) In the Presentation Views group, click on Outline View. In the Outline panel, make sure all text from the slides appears in the Outline View. 	There is no Outline View in Google Slides.	
Use the PPT provided slide layouts when building slides to help your slide's reading order remain intact.	■ From Home tab, choose the New Slide drop down menu and select a slide template. (Don't use the Blank slide template.)	 Create a new slide (Slide > New Slide). Go to Slide menu, click on Apply Layout and choose one of slide template (not the Blank one). 	
Reading Order • Ensure the tab order = the reading order	 On the Home tab, click on Arrange and choose Selection Pane (Reorder Objects for Mac - PPT 2011 & 2016.) To see the reading order of the slide, tab through the slide and the corresponding element will highlight. To re-arrange the reading order, click arrow up/down button on the Selection Pane (Mac: drag layers. Highest number is read first.) Test reading order with the Tab key again. 	 Tab through the slide and the corresponding element will highlight In the slide area, click on the element that you want to change. To change the reading order, click on Arrange menu > Order. Send backward will raise the element to a higher reading order. Bring forward will make the element lower in the reading order. Test reading order with the Tab key again. 	
Add alternative (Alt) text to images and shapes.	 Right click on the image and select Format Picture. Click the icon to open Alt Text field. Enter appropriate alt text in the Description field (not the Title field.) 	 To insert an image, choose Image from the Insert menu and follow the instructions. To add Alt text, click on the image. Then in the format menu, select Alt text (at the very bottom of the menu). Enter alt text in the Description field (not the Title field). 	
Lists ■ Format a list as a list.	 Select the text to make into a list and click on the Home tab. In the Paragraph group, select the Numbering or Bullets icon. Use Numbering lists if a sequential order is important to the list. Use Bullets lists if all items are of equal value. 	Go to Format menu > Lists and select one of list styles. Use Numbered lists if a sequential order is important to the list. Use Bulleted lists if all items are of equal value.	
Save your original files. You may need them if you have a student who needs alternative formats.			



Accessible PowerPoints & Google Slides

Component	PowerPoint (2011, 2013, 2016)	Google Slides
■ Create a meaningful link that describes its destination.	 Type out text that describes the destination of the link (i.e.PCC Homepage). Select the text, right click and choose Hyperlink from the menu. The Insert Hyperlink window will open. Enter a URL address in the Address field (i.e. http://www.pcc.edu) (Mac - PPT 2011: Link to field.) Click the OK button to save the link. 	 Type out text that describes the destination of the link. Select the text, right click and choose Link from the menu. Paste or type in a hyperlink. Click Apply button to save the link.
Tables ■ Check the reading order.	 A screen reader reads a table from left to right, & top to bottom (never repeating) Merged, nested, and split cells may change the reading order of a table. Construct your table in a way that accommodates a good reading order. 	g a cell.)
 Indicate column headers for data tables. Note: A table in Slide Show view is not accessible. Use Alt text! 	 Place the cursor in the top row of your data table. Click the Design tab under Table Tools (<i>Mac - PPT 2011/2016: Tables tab</i>) In the Table Style Options group (<i>Mac - PPT 2011 - Table Options > Options / <i>Mac - PPT 2016 - Table Design tab</i>), select the Header Row check box.</i> The cells in the top row of your table make up the column headers. 	You cannot create table column/row headers in Google Slides.
ColorUse sufficient color contrast.	 Use enough color contrast between the text (i.e. black color) and the backgroun Without sufficient color contrast, people who are low-vision and color blind will r Go to www.pcc.edu/access-powerpoint for How to Check Color Contrast. 	
 Don't use color alone to convey meaning. 	Don't use color alone to make a distinction. If you categorize something by color a the information.	alone, those who are color blind or blind won't benefit from
Math & Science ■ Use MathType to write Math equations.	Use the MathType plugin http://www.dessci.com/en/ for MS Word to create math and science equations, formulas and notations. (DO NOT use MS equation editor.)	Math and Science equations and formulas cannot be written to be accessible in Google Slides.
Video & Audio	Don't embed the video, instead, link out to videos.	



How to Make Accessible Word Documents & Google Docs

Check	Word Document (2011, 2013, 2016)	Google Docs
HeadingsProperly format headings.	 Select the text that you want to make into a heading. Go to the Home tab. Choose the appropriate heading level from the Styles group. 	 Select the text that you want to make into a heading. Go to the Styles menu (or "Normal text") and choose the appropriate heading level from the Normal text drop down list.
Use headings in the correct order.	■ Heading 1 should only be used ONCE per page. Heading 2, 3, etc. c	an be used multiple times. (DO NOT skip heading levels!.)
Images Add alternative (Alt) text to images.	 Right click on the image, and select Format Picture The Format Picture window will open. Select the icon and click on the ALT TEXT to open Alt text field. Enter image description in the Description field (Not the Title field.) 	 Select the image. From the Format menu choose Alt text. Type in description text in the Description field. (NOT in the Title field.) Click the OK button when done.
Lists • Format a list as a list.	 Select the text that you want to make into a list. On the Home tab, in the Paragraph group, select the Bullets or Numbering list. 	 Select the text that you want to make into a list, and do one of these: a. On the Format menu, choose Lists & select Numbered or Bulleted list. b. Go to the icon toolbar, and choose the Numbered or Bulleted list icon.
■ Create a link that describes its destination.	 Type out text that describes the destination of the link. (i.e. PCC). Select the text, right click and choose Hyperlink from the menu. The Insert Hyperlink window will open. Enter a URL address in the Address field (Mac - Word 2011: Link to field.) Click the OK button to save the link. 	 Type out text that describes the destination of the link (i.e. PCC). Select the Insert link icon (Ctrl/Cmd + K). The Link window will open. Type the URL of the webpage in the Link field. (i.e. "http://www.pcc.edu") Then click the Apply button to save the link.
Math & Science	 Use the MathType plugin http://www.dessci.com/en/ for MS Word to create math and science equations, formulas and notations. DO NOT use Microsoft's equation editor. 	Math and Science equations and formulas cannot be written accessibly in Google Docs.

Save your original files. You may need them if you have a student who needs alternative formats.



How	to Make accessible		
W W	to Make accessible ord Documents	& Google Do	CS

Component	Word Document (2011, 2013, 2016)	Google Docs	
Tables ■ Indicate column headers for data tables.	 Place the cursor in the top row of your data table. Click on the Design tab under Table Tools (Table tab on Mac - Word 2011/Table Design tab - Word 2016). In the Table Style Options group, select the Header Row check box. Under Table Tools, click the Layout tab (Table Layout tab - Word 2011) In the Data group (Word 2016 - Table Design > Layout tab), click the Repeat Header Row button. This will indicate the top row as the table's header. 	Google Docs doesn't allow you to designate column or row headers, so keep your tables small so they are understandable without headers.	
■ Check the reading order.	 Screen reader reads a table from left to right/top to bottom (never repeating a cell.) Merged, nested, and split cells may change the reading order of a table. Construct your table in a way that accommodates a good reading order. To test the reading order, place your cursor in the first cell of the table. On the keyboard This will be the reading order that assistive technologies will use. 	d, press the Tab key repeatedly to navigate through the table.	
■ Use sufficient color contrast.	 Use enough color contrast between the font and its background colors. Without sufficient color contrast, people who have low-vision or are color blind will not benefit from the information. 		
 Don't use color alone to convey meaning. 	■ Don't use color alone to make a distinction. If you categorize something by color alone, benefit from the information.	those who are color blind or blind will not be able to	
Forms	■ Use a form template to create a form.	Use Google Forms, NOT Google Docs	
Label form fields and buttons.	Use real text labels for form fields and alternative text for buttons.		
■ Check the reading order of forms.	 Press the tab key repeatedly to check the order a screen reader would navigate through order, you will need to edit the form. The tab order (or reading order) is important to those who are blind or physically disable. 		
S	ave your original files. You may need them if you have a stu	udent who needs alternative formats.	



How to Make Accessible PDFs

Method	Software / Hardware	How to Make it Accessible
Convert MS Office to an Accessible PDF document	Microsoft Office 2010, 2013 Pro	 Start with a well-structured word document or presentation. Click the File tab and select Save as. In the Save as type field, select PDF (*.pdf.) Enter a file name in the File name field. Click on the Options button and make sure the Document structure tags for accessibility and Create bookmarks using Headings checkboxes are checked. Click OK and Save. This will tag all of the text formatting, so page headings and lists are correctly interpreted by a screen reader.
Save your original files (PPT, Word)	■ MS Office 2011 (for Mac)	■ Microsoft Word & PowerPoint 2011 for the Mac cannot produce a fully accessible PDF.
Run Optical Character Recognition (OCR) on scanned document	 Adobe Acrobat Professional (Version XI Pro) 	 Open the scanned PDF file. Open the Tools panel (click Tools in top right) and click Text Recognition. Click In This File and the Recognize Text window will open. Click the Edit button to adjust OCR settings. Select English (US) for Primary OCR Language, Searchable Image for PDF Output Style and 600 dpi for Downsample To. Click OK when done.
Run Adobe Acrobat Built-in Accessibility Checker	 Adobe Acrobat Professional (Version XI Pro) All versions. No matter what you are converting to PDF, it's important to save your original files in case a student needs an alternate format. 	 Click the Tools tab to open the Accessibility panel on the right hand side. If you don't see it, click the View menu and select Tools > Accessibility. Under Accessibility, select the Full Check button. The Accessibility Checker window will open. Under the Report Options, check on the Create Accessibility Report. Under the Checking Options section:

Save your original files. You may need them if you have a student who needs alternative formats.





Accessible Video & Audio

Component

Best Practices

How to Make it Accessible

Media Player

The buttons need to be properly labeled so a screen reader user can operate the player.

Keyboard Navigation

It is important to accessibility that students can access and operate a media player with the keyboard alone (not using a mouse).

■ To test for keyboard accessibility, press the **Tab** key to navigate to the player, and use the **Tab**, Arrow keys, Enter, and Spacebar to interact with the media player buttons.

Captioned Media

We recommend you first search for captioned media, but you are not required to use only captioned media. Use the best media for your lesson. Uncaptioned media will be captioned FIU Online and/or the DRC.

Search for captioned media

The FIU Library has a wide selection of captioned media. Check with your Subject Area Librarian.

1. Enter your search keyword in the **YouTube Search field**. 2. Add a: , CC (a comma, CC)

- 3. Press **Enter** or click the magnifying glass icon



How do I find human transcribed captioned videos from Google?

1. Fill out the **Advanced Video Search** fields (http://www.google.com/advanced video search) that you need.

How do I find **human transcribed captioned videos** on **YouTube**? (Search from YouTube site)

- 2. Choose the "Subtitles: Closed captioned only" option.
- 3. Press Enter or click the Advanced Video search button.

Make sure the YouTube video you use IS NOT Auto-generated.

How do I know?

 Click the Settings button and check the **Subtitles** field. Avoid auto-generated subtitles and the **Translate** feature which are not usually accurate.





Keep track of your uncaptioned media. You may need this list if a student has an accommodation need.

Accessible Complex Images

Complex Images include graphs, charts, diagrams, maps, and illustrations. Below are 3 ways to provide alternative (alt) text-based description for complex images, when a simple alt text attribute is insufficient. Choose the best Alt text method for your image types.



Use a Caption

B

Describe in surrounding text



Link out to a web page with a longer description

For Web Pages: Your caption must be associated with the image, so make sure to properly add a caption using the '**figcaption**' html tag. (Requires HTML editing) *Note:* For MS Word and PowerPoint: Right click on the image and select **Add Caption**.

Example Code:

<figure><img src="images/fig9" alt=""
width="160" height="120" />
<figcaption>Caption goes here,
Fig.9-Graph..</figcaption></figure>

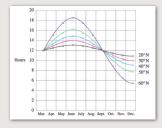


Fig.9 - Graph of the length of daylight from March through December at various latitudes. For example, at 40 degree latitude there are 12 hours of daylight in March. In October, there are 10.8 hours of daylight at 40 degree.

If the image is adequately described in surrounding text (including text-based data tables), so that the image is just reinforcing the text, no further description is needed necessary.

Example:

Modeling amount of daylight as a function of time of year, Figure 9 and the table beside it, show the number of hours of daylight as functions of the time of the year at several latitudes, from March through December.

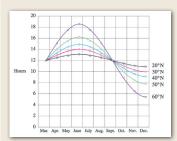


Fig.9

l l	Tiodis iii varica latitaacs				
Month	20°	30°	40°	50°	60°
Mar.	12	12	12	12	12
Apr.	12.3	13.2	13.5	14	17.5
May	12.9	13.7	14.3	15.5	17.7
Jun.	13	14	14.9	16.1	18.2
Jul.	12.8	13.8	14.2	15.7	17.8
Aug.	12.5	12.8	13.2	14	15
Sep.	12	12	12	12	12
Oct.	11.6	11.2	10.8	10	9
Nov.	11	10.2	9.7	8.3	6.5
Dec.	10.9	10	9.1	7.9	5.7
F	Evample of Data Table for Figure (

Hours in varied latitudes

Example of Data Table for Figure 9

If the image cannot be described using methods A or B, use the 'longdesc' attribute (Requires HTML editing).

Example code:

<img src="images/fig9.jpg" alt="Fig.9Graph of the length of daylight from
March 21 through December 21 at various
latitudes." width="400" height="290"</pre>

longdesc="fig9-longdesc.html" />

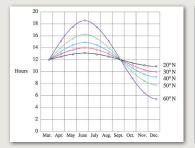


Fig. 9

<html>
Modeling amount of
daylight as a function of time
of year Figure 9 shows
graphs of the number of
hours of daylight...
</html>

fig9-longdesc.html





Accessible Complex Images

Resources for Image Description

- Guidelines for Describing STEM (Science Technology Engineering and Math) images http://goo.gl/TBT01Z
- How Do We Access Meaning in Art? (Describing art images in alt text)

 http://goo.gl/dAXZOx
- Video: How to Describe Complex Images for Accessibility (From Diagram Center's Webinars) http://goo.gl/QgsS5G
- Diagram Center's Accessible Image Sample Book http://goo.gl/N0arvW

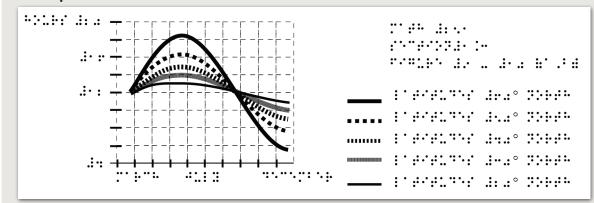
Tactile Representations

Sometimes touching a model or a tactile graphic is the best way to describe something.

Tactile graphics

Tactile graphics have different sized raised dots to show variation in graphs, charts and maps. Disability Services and Distance Learning also can create tactile graphics for your courses needed. Please contact Haris Gunadi or Supada Amornchat for more information.

Example:





A 3D model of chest anatomy

Indicate if a model is available

If you know where a 3D model of the image is available, indicate that in your image caption or on the same page as the image.





Accessible Math & Science

Component	Math Tools	Best Practices
Math & Science equations, formulas and notation	■ MathML	MathML stands for 'Math Markup Language' which is the web standard for accessible online math and science notation/equations/formulas. Typically, a user does not create MathML, but instead uses a conversion process to output MathML.
	■ D2L	We recommend that as much of the online class as possible be conducted within Canvas. All output from Canvas equation editor is stored as La Tex and MathML, which are screen reader-accessible.
	Word documents	MathType is an equation editor created by Design Science that is compatible with MS Word for Windows and Mac. Together, MS Word with MathType can be exported as MathML or it can be converted to braille. (Save your original files.) DO NOT use Microsoft's equation editor.
	■ PDFs	Math IS NOT accessible in PDF. Save the original file with the original MathType or LaTeX equations. Disability Services will ask for your original files when there is an accommodation need.
	■ PowerPoints	For MS PowerPoint 2013, use the MathType 6.9 plugin or later to create math and science equations, formulas and notations. DO NOT use Microsoft's equation editor. If you convert to a PDF or export to a webpage, save your original MS PowerPoint files which your Instructional Designer and/or the DRC may ask for.
	■ Graphs	To make graphs accessible, do your best to describe them using alternative text, long descriptions, or captions. We can supplement with tactile graphics if necessary.
	■ LaTeX	LaTeX is a mark-up language. Converting LaTeX documents into an accessible format is usually straightforward. Keep LaTeX original files if you convert to other formats.
	■ WeBWorK	WeBWorK is an accessible and free online homework platform for math and sciences courses.
	■ LibreOffice	LibreOffice (with its native equation editor) exports easily to web pages that contain MathML.

Save your original files. You may need them if you have a student who needs alternative formats.





Ask about

Ouestions and Considerations

How accessible are their digital materials?

- Are the videos captioned and audio recordings transcribed?
 - There should be transcripts for audio recordings and captions or subtitles for video. If they aren't available, ask the publishing representative when they plan to have them. If they have no plans, ask them to give FIU written permission to transcribe or caption the media when there's an accommodation need.
- Are images described in alternative text?

PowerPoint slides from publishers often have images without any alt text. Ask your publishers if their images have alt text.

- Can all of the text that is displayed on the screen be read aloud by text-to-speech software?

 Screen readers (assistive technology used by people who are blind) read real text. They cannot read images of text or text embedded in Flash animations/movies/simulations.
- How accessible are the E-books?

 Are the images described? Are embedded objects like videos keyboard accessible and captioned? Is the E-reader keyboard and screen reader accessible?
- Can all interactivity (media players, quizzes, flashcards, etc.) function using only the keyboard (no mouse)?

 People who are blind or have upper mobility disabilities cannot use a mouse. They use the keyboard to navigate and interact on the Web. It is required that any interactive elements on a publisher's website (or on a DVD included with the book) be operable by keyboard alone if they are used in your course.
- Is there any documentation available (VPAT or White Paper for example) that confirms accessibility or usability testing results?

 A VPAT (Voluntary Product Accessibility Template) is used by many organizations to report the level of accessibility of software products.
- Is your multimedia (Adobe) Flash or (Oracle) Java-based? Can your materials be watched on mobile devices?

 Content created in Flash or Java can be inaccessible and may not run on mobile devices and tablets, which are becoming more prevalent.
- What are the computer requirements for using their materials? Will the materials work on mobile devices?

 Distance Learning informs online students about the computer requirements for taking an online course in the Distance Education Orientation for students. If your course requirements are different, make them known in the course syllabus.

Open Educational Resources (OER)

■ OERs have the same accessibility requirements as all other digital materials. However if they are not accessible, we can usually retrofit them to be accessible which we can't do if the materials reside on a publisher's server. Plus OERs are usually free to students! Check out: lowcost.fiu.edu





Accessibility Checkers

Software	Tools	How to Check			
MS Offices 2010 & 2013 Windows (Word, PowerPoint)	 A built-in accessibility checker (Note: The accessibility checker only checks .docx and .pptx files) 	1. Go to the File tab. 2. Select Info from the sidebar menu. 3. Click on the Check for Issues button. 4. Select Check Accessibility from the drop-down list. The Accessibility Checker panel will open to the right of the document. The accessibility checker provides you with a list of errors, warnings & tips. When you click on an error or warning, instructions on how to fix it appear below in "Additional Information". Inspect Document Before publishing this file, be aware the Document properties, author's name or personal information. New Inspect Document Check for Issues To Document Check the document for hidden properties or personal information. Check Accessibility Check for features not supported by earlier versions of Word.			
PDF (Adobe Acrobat XI Professional)	 A built-in accessibility checker (View > Tools > Accessibility) 	 Click the Tools tab to open the Accessibility Tool panel on the right. (If you don't see it, click the View menu and select Tools > Accessibility). Select the Full Check button & the Accessibility Checker Options will open. ■ On the Report Options section, check on Create Accessibility Report . ■ On the Checking Options section: select Document under Category field, and check all items. Click on the Start Checking button and the Accessibility Report will display. 			
Canvas & Web Pages	WAVE ▼				
web I ages	 A browser-based checker, WebAIM WAVE accessibility add-on to the Firefox browser 	 Download & Install the WAVE toolbar (http://wave.webaim.org/toolbar/) Open the Canvas page in its own window by clicking on the Open in a new window icon. Right-click on the page in the new window, and select WAVE, then choose "Errors, Features, and Alerts" to see what accessibility errors you have on the page. Error icons in green, red, yellow and blue will appear on the page. If you hover over an error icon, more information on the error will appear. Return to the original Canvas page, and open the Canvas rich content editor to repair the problems you found. 			

WHO's Responsible for Accessibility of Online Courses?

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Disability Resource Center	FIU Online	Instructor	Instructional Designer
 Assists the university in fulfilling its commitment to educate and serve students with disabilities Creates/maintains awareness of the disability experience among faculty & staff Reviews and determines student eligibility for accommodation Leads efforts to ensure students are appropriately accommodated Notifies faculty & FIU Online when an accommodation is required Administers other reasonable auxiliary aids & services. Provides students with alternative format for needed material 	 Provides media captioning resources for course accommodations Develops best practices, guidelines and training materials Offers professional development sessions for instructors/Instructional Designers Reviews courses for accessibility Provides feedback and support to instructors/Instructional Designers Maintains accessibility website for instructors/Instructional Designers Supports Disability Resource Center accessibility plans and structure 	 Designs instructions and creates/revises supporting documents using accessibility guidelines Ensures materials created in Microsoft Word, PowerPoint, and Adobe Acrobat PDF can be accessed by users of assistive technology Retains original files in electronic form (PPT, Word, Excel, etc.) Provides a text equivalent for every non-text element (Complex Images, equations, graphs, etc.) Uses color appropriately (contrast, symbols, graphs, etc.) Uses captioned media whenever possible Provides transcription and/or captions for video and audio materials or provides alternate sources for inaccessible content when applicable Supplies the Disability Resources Center and/or Instructional Designer with course materials needed upon request for an accommodation 	 Designs course using accessibility guidelines Designs clear & consistent navigation using accessibility guidelines Ensures course appears and operates in predictable ways (consistency) Ensures all functionality is available via keyboard Ensures instructional materials provided by instructors support accessibility guidelines and can be accessed using assistive technology Adds accessibility statement within the syllabus Checks accessibility of required software & web applications within Canvas Supplies the Disability Resources Center with course materials needed upon request for an accommodation