Web Accessible Content

eLearning 101
11 October 2016
Scope

- Benefits of Accessible content
- Focus on learning materials
- Non-technical principles
- Examples
- This is just the beginning.
Why should we care?

- Web content standards https://www.w3.org/WAI/
- Sydney Olympic Committee case study https://www.w3.org/WAI/bcase/socog-case-study
- Level AA commitments from other Australian universities > The University of Melbourne: http://www.unimelb.edu.au/accessibility/about > Monash University http://www.monash.edu/accessibility
Accessible content looks better

Example: CSS Zen Garden

http://www.csszengarden.com
Accessible content writing takes less time
Accessible content writing takes less time

Formatting vs Writing
Accessible content writing takes less time

Structure vs Format
Accessible content works on everything
Accessible content is more reusable
Web Accessibility is good for everyone
Web Accessibility is good for YOU
Things to remember
Accessibility First
Typical workflow
REALLY typical workflow
IDEAL workflow
Make your text **complete**

Then add images.
If they hear it, will it make sense?

Sometimes, transcripts are not meaningful.
“This is $\pi$, but how did Archimedes calculate it?

If they hear it, will it make sense?

How to Calculate Pi, Archimedes' Method
by mathematicsonline
https://youtu.be/DLZMZ-CT7YU

Here is a formula that is derived from Archimedes’ method that approximates the value of $\pi$. 
“This is $\pi$, but how did Archimedes calculate it?

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The presenter is referring to a mathematical formula that is not available in the transcript.
“... Next, inside the circle we inscribe a polygon. And we increase the number of sides repeatedly.

What we can see is that every time we increased the number of sides of the polygon, the more it resembled the shape of the circle.

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The presenter is referring to a sequence of images in the video that is not available in the transcript.
“... Next looking at one of the sides of the polygon, we can see that it is actually equal to ‘a + a’.

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How to Calculate Pi, Archimedes' Method
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“... Next **looking at one** of the sides of the polygon, **we can see** that it is actually equal to ‘a + a’.

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*How to Calculate Pi, Archimedes' Method*

by **mathematicsonline**

[https://youtu.be/DLZMZ-­‐CT7YU](https://youtu.be/DLZMZ-­‐CT7YU)

Much of the language in the transcript is relevant ONLY to sighted people. Blind audiences miss out on critical information.

The transcript is accurate but useless.
Using LEO (Moodle)

Watch the webinar recording at the 27-minute mark.
Using MS Word

Watch the webinar recording at the 35-minute mark.
Things to remember

• Accessibility **First**

• Make your text **complete**. Then add images.

• If they **hear** it, will it make sense?
Benefits

• Accessible content looks better
• Accessible content writing takes less time
• Accessible content works on everything
• Accessible content is more reusable
• Web Accessibility is good for everyone. Especially YOU.
Thank you!