INTRODUCTION TO PRESSBOOKS

University of Texas at Arlington

https://uta.pressbooks.pub/

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GETTING ACCESS TO PRESSBOOKS

- Request access to the Pressbooks Sandbox by filling out the form at the link below:

  https://bit.ly/2Anhcc1

- For more information about Open Educational Resources and UTA's Pressbooks platform:

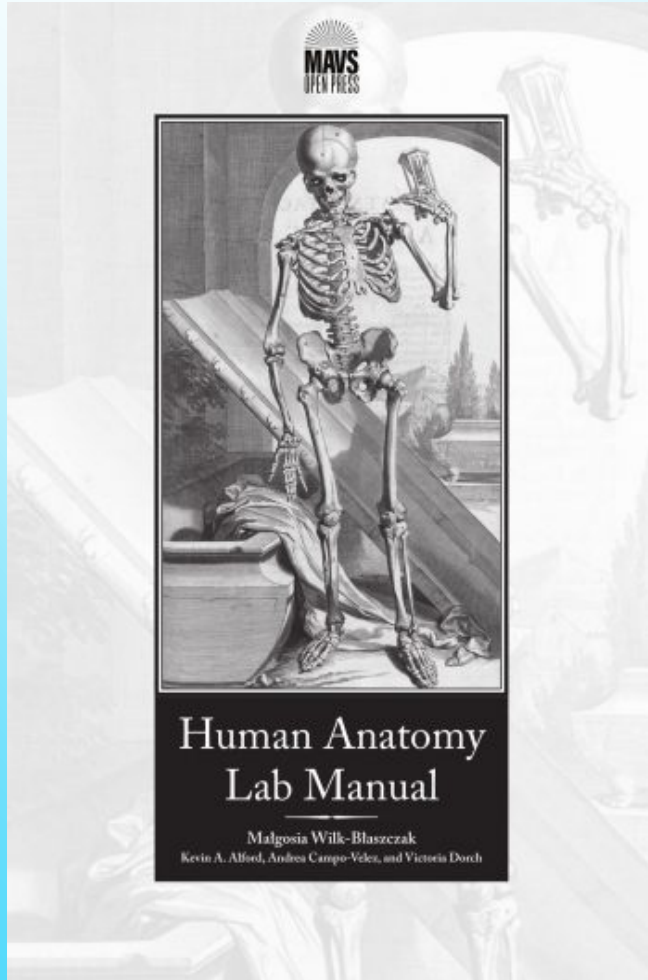 https://libguides.uta.edu/oer/pressbooks

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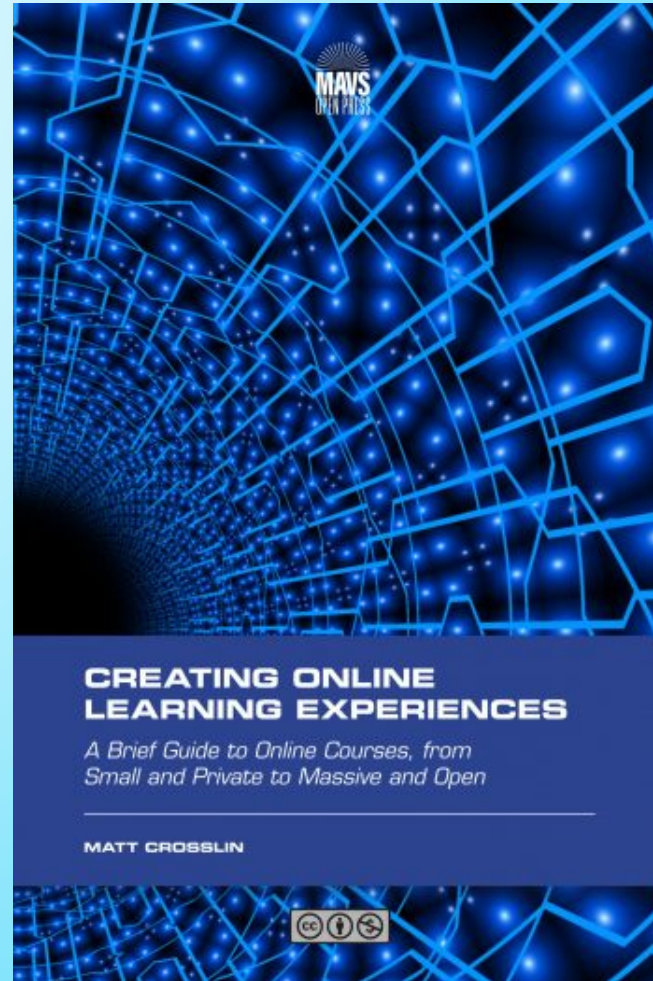OPEN PRESS

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Open Educational Resources from the University of Texas at Arlington

- offers no-cost services for UTA faculty, staff, and students who wish to openly publish their scholarship.

- provides human and technological resources that empower our communities to publish new open access journals, to convert traditional print journals to open access publications, and to create or adapt open educational resources (OER).

- resources published by Mavs Open Press are openly licensed using Creative Commons licenses and are offered in various e-book formats free of charge.

- optional print copies may be available through the UTA Bookstore or can be purchased through print-on-demand services, such as Lulu.com. Contact us at pressbooks@uta.edu.
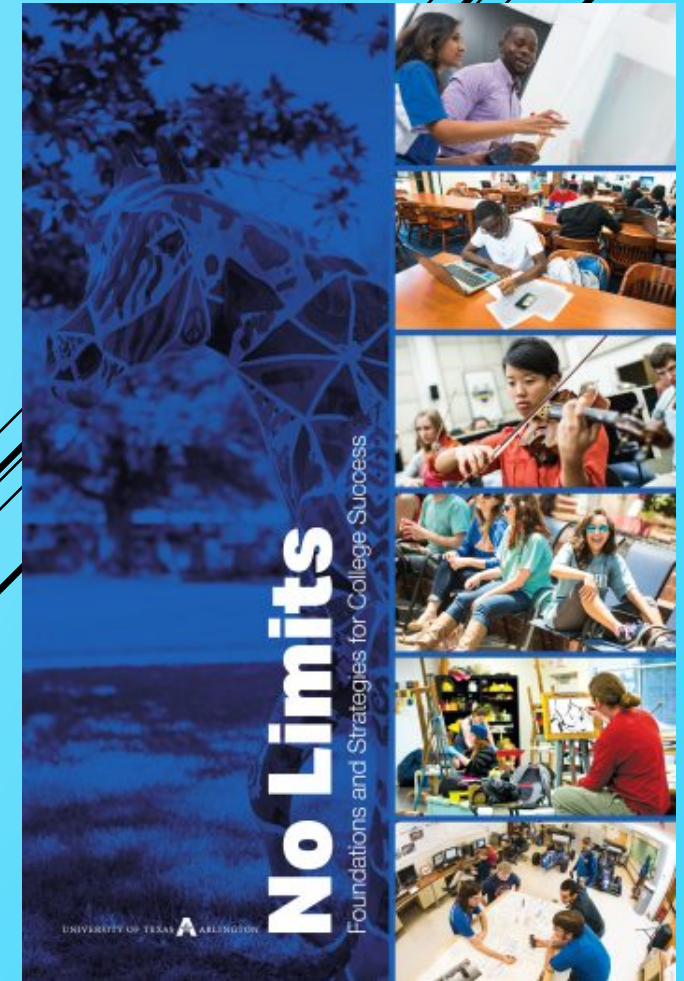
UTA PRESSBOOKS CATALOG

Human Anatomy Lab Manual

Creating Online Learning Experiences

No Limits

IMPORTING CONTENT

Pressbooks supports the following import file types:

- EPUB (.epub)

- Microsoft Word (.docx)

- Open Office (.odt)

- Pressbooks/Word Press XML (.wxr or .xml)

- Webpage or Pressbooks Webbook (.html or URL)

Begin importing content by:

- Selecting "Tools" in the left menu panel

- In the drop down menu, select "Import"

- Select your "Import Type"

- Then browse for the file you would like to import or cut and paste the URL

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CLONING BOOKS

➢ The ability to clone a book in Pressbooks provides users the opportunity to take an openly licensed book and import it into your catalog.

➢ A good way to find books to clone is to search "open textbooks in Pressbooks" on Google

➢ To clone a book it must have uta.pressbooks.pub in the URL

Pathway for Cloning a Book:

• Go to My Catalog > Clone a Book

• Enter the URL from the source book that you plan to clone

• Enter a new URL (of your choice) for the book

• Enter a title for the book

https://youtu.be/gQ9l3TC8CSg

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ACCESSIBILITY & UNIVERSAL DESIGN

As you begin working in Pressbooks, it is important to keep the aspects of accessibility and universal & design in mind.

Universal Design

• Many students have hearing, physical, cognitive, and/or sensory disabilities that impact the ways in which they learn

• One-size-fits-all fail to account for this learner diversity

• Alternatively, classroom materials can be designed and developed in ways to make them inherently accessible

• Universal Design means a concept/philosophy for designing and developing product and services that are directly useable

https://opentextbc.ca/accessibilitytoolkit/

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STRUCTURING A BOOK IN PRESSBOOKS

Parts
- Front Matter
- Main Body
  - Chapters
- Back Matter

Front Matter
- About the Publisher
- Accessibility Statement
- About This Project
- Acknowledgments

Back Matter
- Bibliography
- Links by Chapter
- Accessibility Rubric
- Errata and Versioning History

https://youtu.be/Vf6uF5zEGCE

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FORMATTING TEXT

• Simple organizational structure for easy navigation

• 12 point for body text and 9 point for footnotes

• Headings and Titles (under the paragraph tab)

Color Contrast

• Color contrast refers to the hue, lightness and saturation of text, images, and background

• Contrast ratio in text compatible for students viewing it via screen readers

• All information presented with color have a text description for easy accessibility

• Contrast for headers and text pass WCAG standards

https://youtu.be/oHRVd8liHao

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ADDING IMAGES

By using the media tab you can upload images into Pressbooks

• Non-decorative/informational images marked with alt-text providing necessary information

• Decorative images marked "null" which means to leave the alt-tag description line blank

• Complex images have descriptions – images like graphs, charts, formulas

• When inserting equations into Pressbooks, best practice is to use LaTex instead of uploading a screenshot. This allows the screen-reader to read the equation

• Publish formulae & graphics using native LaTeX syntax directly in the text. Inline formulas, displayed equations auto-numbering, labeling and referencing.

$$(a+b)+c = a+(b+c)$$

Public Domain Images

• [Unsplash](#)

• [Pexels](#)

• [Wiki Commons](#)

TABLES & HYPERLINKS

Tables

• Simple tables compatible with Assistive Technology

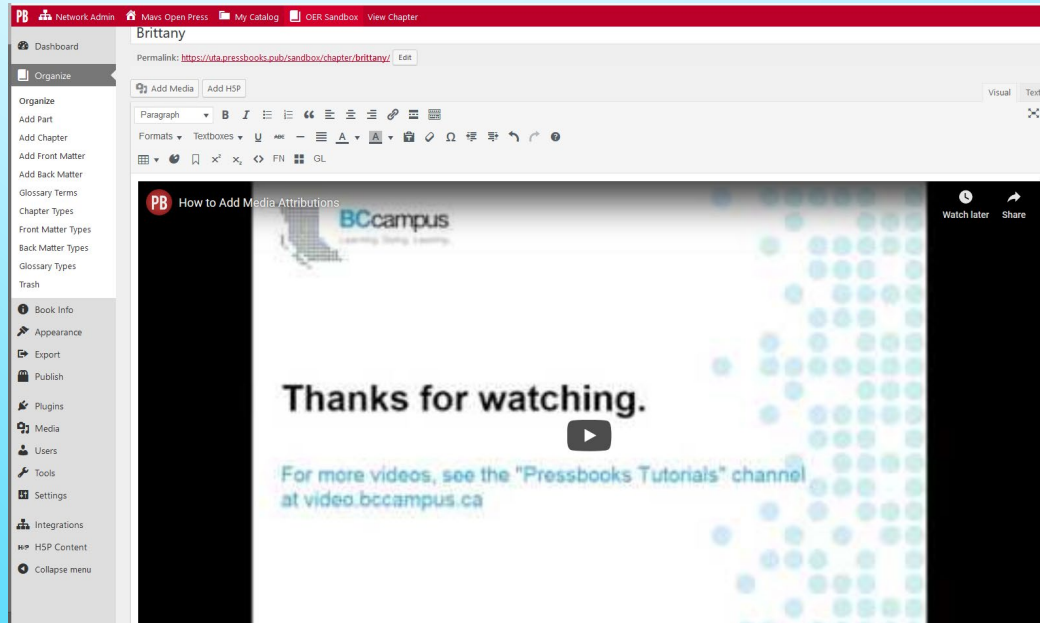• Clearly labeled table with tile and rows and columns

Hyperlinks

• Hyperlinks throughout the chapter connect to an outside web-page or a location

• Visible and accessible to students using screen readers

• Link can connect to a:
  - page
  - chapter
  - image
  - table
  - videos

• Descriptive links: distinct from body text

• Underlined and different color

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EMBEDDING MULTIMEDIA

From YouTube Videos to MP3s

• Copy the link from any video you wish to upload into Pressbooks and paste it directly into the body of the chapter.

• The video will auto populate in the body of the chapter.

INCORPORATING INTERACTIVE CONTENT

What is H5P content?

Pressbooks has an H5P plugin that allows authors to create rich interactive content within the platform. H5P has a wide range of content types, which can be found on their website.

https://guide.pressbooks.com/chapter/h5p/

- Multiple choice

- Interactive videos

- Course Presentation (PowerPoint slides)

- Fill in the blanks

- Quizzes

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TESTING ACCESSIBILITY

WAVE

• Web Accessibility Evaluation Tool

• Complete accessibility evaluation

• Analyze page for inaccessible content

• Can scan for:
  • misleading headers
  • alt-text pictures
  • inaccessible buttons
  • broken Links

WCAG

• Web Content Accessibility Guidelines

• Guidelines for current accessibility standards

• WCAG ensures that the web content is accessible to all
  • Natural information such as text, images, and sounds
  • Code or markup that defines structure, presentation, etc.

Screen Readers

• NVDA

• ChromeVox

• VoiceOver

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EXPORT OPTIONS

- PDF (for print)
- PDF (for digital distribution)
- EPUB (for Nook, iBooks, Kobo, etc.)
- MOBI (for Kindle)
- EPUB 3
- XHTML
- HTMLBook
- OpenDocument

- WordPress XML
- Common Cartridge 1.3
- Pressbooks XML

https://youtu.be/HN92hLgGzek

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