INDIANA UNIVERSITY SCHOOL OF EDUCATION AT BLOOMINGTON

INSTRUCTIONAL CONSULTING

UDL & Accessibility Resources

What is Universal Design for Learning?

A proactive approach to creating an inclusive curriculum by reducing/removing barriers "to improve and optimize teaching and learning for all people based on scientific insights into how humans learn."

http://udlguidelines.cast.org

What is Universal Design for Learning?
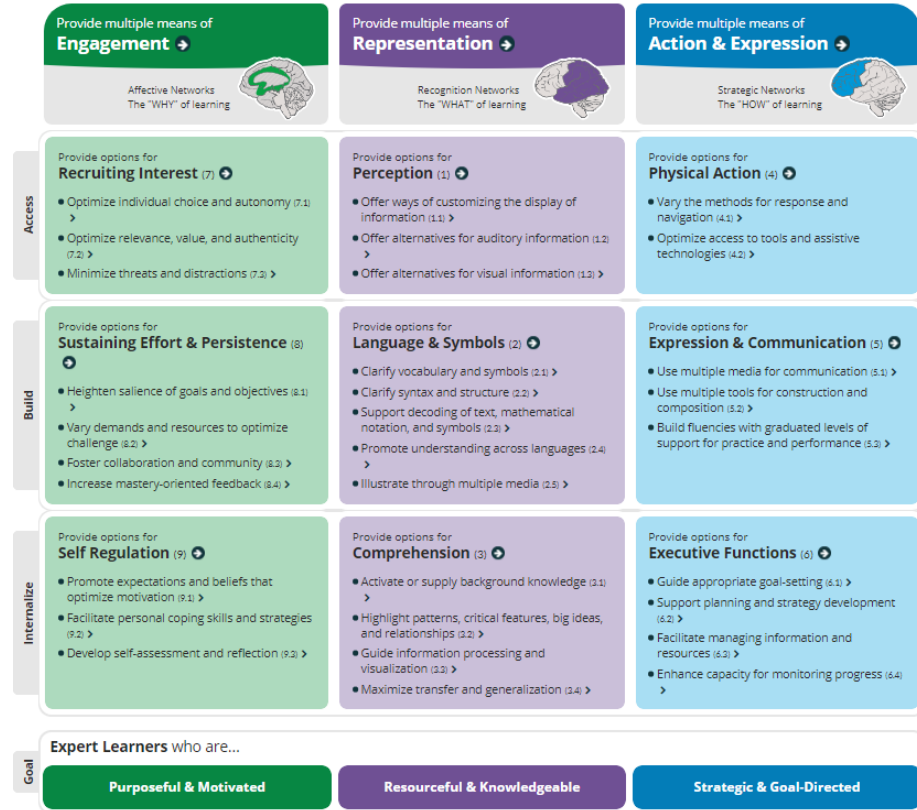
Engagement (Affective)
Tap into learners' interests, offer appropriate challenges, increase motivation

Representation (Recognition)
Various ways of acquiring information and knowledge

Action & Expression (Strategic)
Alternatives for presenting what they know

http://udlguidelines.cast.org

What is Accessibility?

"Accessibility is the degree to which a product, device, service, environment, or facility is usable by as many people as possible, including by persons with disabilities."

https://accessibility.iu.edu/understanding-accessibility/

Students with Disabilities (2015-16)

Percentage of undergraduates with disabilities

19.4%

Percentage of postbaccalaureates with disabilities

11.9%

https://nces.ed.gov/fastfacts/display.asp?id=60

Instructional Consulting Assistance

Design of learning resources

- Materials: multiple forms of representation

  - Graphic syllabus

  - Closed captions in Kaltura videos

- Assignments: multiple forms of expression

  - Differentiated assignments in Canvas

- IC Summer Internship Program

Instructional Consulting Assistance

Accessibility tools/training

- UDOIT accessibility checker in Canvas

67 Errors

30 No table headers found

1 Links should contain text

18 Multimedia objects should have text equivalents (e.g., transcripts).

18 All "embed" elements have an associated "noembed" element

79 Suggestions

3 Consider adding headings to your document to create more structure

2 Link text should be descriptive

20 Avoid using styles for document structure

18 An object might require a long description

18 Multimedia may require plugins to display properly.

18 Interfaces within objects should be accessible

Instructional Consulting Assistance

Accessibility tools/training

- UDOIT accessibility checker in Canvas

Assignments 6 of 10 have issues.   process time: 1.23s

+ Plagiarism Tutorial and Test ⬀   🛈 1 Suggestions

+ Letter to the Professor ⬀   ⊘ 1 Errors   🛈 1 Suggestions

+ Learning Theories Matrix and Explanation Guide ⬀
                                               ⊘ 1 Errors   🛈 2 Suggestions

+ Issues in the IT Field ⬀   ⊘ 1 Errors   🛈 2 Suggestions

+ Diagramming the Fields of IT and HPT ⬀   ⊘ 1 Errors   🛈 2 Suggestions

+ Case Analysis for the HPT Field ⬀   ⊘ 2 Errors   🛈 4 Suggestions

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1x Link text should be descriptive

Links should be descriptive of the content they're linking to, such as 'Class Schedule' rather than 'schedule.html' or 'click here'.

1. Close Issue Source

   Preview
   https://iu.mediaspace.kaltura.com/media/R511+Fall+2018+on+21+Aug+2018/1_0qgnm2ez

   Source
   Line 2: \https://iu.mediaspace.kaltura.com/media/R511+Fall+2018+on+21+Aug+2018/1_0qgnm2ez\

Resources: IU Online Courses

- ADA Awareness for Faculty course: https://expand.iu.edu/browse/e-training/courses/ada-for-faculty

- Creating an Accessible Syllabus using Microsoft Word: https://expand.iu.edu/browse/ittraining/single/courses/creating-an-accessible-syllabus-using-microsoft-word

- IU Teaching Online Series: https://expand.iu.edu/courses/teaching-online-series

  - Module 7: Usability and Visual Design

  - Module 8: Accessibility

- Teaching for Student Success: An Evidence-Based Approach: https://expand.iu.edu/courses/teaching-for-student-success-an-evidence-based-approach

  - Module 1: Enhancing your course design practices (UDL)

  - Module 6: A focus on accessibility

- Fundamentals of Online Teaching (spring semester)

  - Module 1: Universal Design for Learning and Accessibility

Resources: Canvas LMS

- General Accessibility Design Guidelines:
  https://community.canvaslms.com/docs/DOC-2060

- Creating Accessible Tables in the Rich Content Editor:
  https://community.canvaslms.com/docs/DOC-7118

- How to Use the Accessibility Checker in the Rich Content Editor:
  https://community.canvaslms.com/docs/DOC-13345-4152808104

- UDOIT: How to Run a Scan in Canvas: https://kb.iu.edu/d/auae

- Canvas Studio: Accessible syllabus
  https://iu.instructure.com/courses/1716451

Resources: Other

- Accessibility@IU: https://accessibility.iu.edu
  See Creating Accessible Content > Electronic Documents:
  https://accessibility.iu.edu/creating-content/documents/index.html
  - Word
  - Excel
  - PowerPoint
  - PDFs
- ADA@IU: http://ada.iu.edu/
- CAST UDL Guidelines: http://udlguidelines.cast.org/

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