



Flipping the Classroom and Making it Accessible



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ABSTRACT:

The new classroom is the flipped classroom experience, engaging and challenging students with innovative and creative teaching strategies. Furthermore, today's educational standards require that students who have a disability or learning needs have full accessibility to all learning materials. Students do not want to be bored with power points and lectures. Students want to learn by immersion and engagement. Students with disabilities need resources to access all educational materials. Two DNP prepared educators share their methodologies for flipping the classroom in both the traditional and online setting. They will also demonstrate specific techniques utilized to make all educational materials accessible for the needs of the learners.

OBJECTIVES:

- Objective 1: Review the flipped classroom in both the didactic classroom and the online classroom.
- Objective 2: Learn how to make learning materials of all formats accessible.
- Objective 3: Discuss the implementation of the flipped classroom and learning accessibility.

WHAT IS A FLIPPED CLASSROOM?

- Students learn the required content prior to Class
- Class time is used to apply the information
- Students are engaged through active learning
- When this process is successfully implemented, a higher level of learning can be achieved

IMPLEMENTATION STRATEGIES OF THE FLIPPED CLASSROOM: PRIOR TO CLASS OR THE ONLINE MODULE

- "Panopto" or other Lecture Recording Technologies
- A Research Article or Assigned Reading
- Media or Case Study

IMPLEMENTATION STRATEGIES OF THE FLIPPED CLASSROOM: DURING CLASS OR THE ONLINE MODULE

- "Padlet" or other electronic bulletin board
- Unfolding Case Studies using client artifacts
- Media Case Studies and Discussion
- Games & Competitions
- Simulations

WHAT IS ACCESSIBILITY ?

Accessibility in the Flipped classroom means that electronic information is easy to use by everyone including people with

- Limited mobility, including Quadriplegia and people with spinal cord injuries
- Hearing impairments, such as hard of hearing and people who are deaf



WHAT IS ACCESSIBILITY ?

- Visual impairments such as low vision, blindness, and color blindness
- Cognitive disabilities, including dyslexia and Attention Deficit Disorder
- Other disabilities



MAKING THE FLIPPED CLASSROOM ACCESSIBLE

For Microsoft Word users, you should use the Accessibility Ribbon to format columns, tables, hyperlinks, and images. And be sure to use the Accessibility Checker to find and correct issues identified.

Remember, accessibility is

- About your audience and meeting their needs
- Making something that can be used by as many people as possible
- The law and everyone's responsibility

REFERENCES

Billings, D. (2016). Flipping the classroom. *American Journal of Nursing* 116 (9), 52-56.

Betts, K., Welsh, B., Pruitt, C., Hermann, K., Dietrich, G., Trevino, J. G., Coombs, N. (2013). Understanding disabilities & online student success. *Journal of Asynchronous Learning Networks*, 17, 15-48. Retrieved from: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,uid&db=eric&AN=F101018267&scope=site>

Davis, N.L. (2016). Anatomy of a flipped classroom. *Journal of teaching in travel and tourism* 16 (30), 228-232.

Fels, D. I., & Gedeon, S. A. (2011). Understanding motivations of entrepreneurs in the assistive technology market. *Technology & Disability*, 23(2), 53-64. <https://doi.org/10.3233/TAD-2011-0314>

Sloan, D., Stratford, J. and Gregor, P. (2006) Using multimedia to enhance the accessibility of the learning environment for disabled students: Reflections from the skills for access project, *Research in learning technology*, 14 (1), 39-54.

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