Creating Equity with H5P Activities

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Technology Showcase 2023
Background:
Equity in Classroom with Open Education Resources (OER)

• Since 2017, it is estimated that students have saved **$9 million** due to the faculty’s intentional use of OER in courses.

• A study as part of the Achieving the Dream OER Degree Initiative found that students enrolling in 1 or 2 OER courses on average attempted **2.05 more credits**

• At Montgomery College (MC) the estimated return on investment from combined increase in credit activity was **$518,000**, or 30% (ATD OER Degree Initiative ROI Analysis, 2018).
Why E-Textbook + online h5p activities?

• H5P replaces a suite of fee-based practice activities
• H5P allows for activities that align BETTER with the new textbook content
• H5P allows for activities that can BETTER prepare the students for the future careers as teachers
• H5P allows for activities that are more visual and hands-on problems
• H5P allows for everything to be all in one place (d2l)
Sample of Types Activities
RESULTS

Students Satisfaction

The following are comments from a student survey:

“I think the module work that I do outside of class is most beneficial. I think this because in class I fill out notes and do the problems, then I go home and apply what I learn to the module. I feel like it helps me really understand what I am learning; it is just extra practice that I can do to truly understand what I am learning in class.”

“I think the modules most beneficial for me because it allows me to practice and see what I know but also see what areas that I still need to work on. This is also a great way to get more practice in if needed.”

Academic PROFICIENCY

• Using a one tailed t-test of two independent means and level of significance of 0.05 and Comparing Common Final Exams.

• The results from test give a t-value of 1.74904. The p-value is .040872. The result is significant at $p < .05$

March 3, 2023
Thank You

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