

Accelerating Adoption of Adaptive Courseware at Public Universities



Supporting Scale

- The University of Louisville (U of L) is using research and careful planning to expand efforts. They compiled relevant studies and publications to present adaptive courseware to faculty who are skeptical.
- May Course Design Institute: faculty can learn to integrate active and adaptive learning components into courses. More than 60 faculty attended and follow up programming was implemented to meet faculty need




OVER 15% OF GENERAL EDUCATION ENROLLMENTS USE ADAPTIVE COURSEWARE

College Mathematics

At the University of Louisville over the last three years, College Mathematics has seen an impressive 20% drop in the rate of Ds Fs and Withdrawals (DFW rates). The University has found success through the use of an adaptive platform and the Emporium Model. Classes are held in a computer lab with students working at their own pace. Color-coded flags signal the instructor for help or display progress. Learning Assistants (Grad Students and Undergraduate Student Workers walk around the room answering questions. Additionally, the Math Resource Center is open for personalized tutoring and to work on the courseware outside of class time.

By the Numbers

47 Courses using adaptive courseware 

8,000 Fall 2018 enrollment 

Priorities for 2019 and Beyond

Focus on communication with departments more broadly.

Consider ways to obtain buy-in from more senior level faculty and stakeholders.

Collecting and examining student feedback to evaluate impact.