Accelerating Adoption of Adaptive Courseware at Public Universities

Oregon State University Update, Spring 2018

Moving From Scaling to Sustainable

- Oregon State University’s (OSU) strategic plan supports providing transformative educational experiences for all learners
- APLU’s Accelerating Adoption of Adaptive Courseware grant and adaptive courseware overall are engaging stakeholders in OSU’s student success mission
- The grant has facilitated increased coordination and collaboration between Academic Programs and Learning Innovation, Faculty Affairs, Ecampus, and Information Services

Creating a Culture of Faculty Success

- Growing faculty interest in adaptive courseware was spurred by success of college algebra redesign
- Adaptive courseware is appealing to faculty and departments for its potential to aid in transforming high attrition courses
- The implementation process is helping create a centralized support model in course redesign for faculty

Challenges and Lessons Learned

- Faculty are most inspired about adaptive courseware by hearing and learning from other teaching faculty
- Though learning from faculty outside their disciplines is sometimes of less interest, cross-disciplinary learning communities have proven valuable.
- Program manager has increasing role in assessment and promoting visibility for faculty and their successful implementation efforts.

BY THE NUMBERS

- 2 vendors, 4 courses
  OSU faculty are currently using 2 vendors for courses in math and psychology
- 1,917
  Fall 2017 enrollment
  The OSU trajectory to reach grant targets is steep but attainable
SNAPSHOT

Success Factors

- Blueprint for Undergraduate Success includes adaptive and personalized learning as an approach to improve and equalize student success. Adaptive courseware has lowered student costs in addition to improving pass rates.

- Two YouTube videos are raising awareness about Oregon State University's college algebra redesign: https://youtu.be/b7sMwn4uk4o
  https://youtu.be/bfu0JCBcCwc

Looking Ahead

- Ongoing efforts to update advising community about course redesign and technology implementation to support students and to provide student experience feedback.

- Data analysis identifying 28 high attrition courses targeted for improvement and to remove barriers to student retention and progression.

- Plans are in place to monitor course level student success metrics, retention and graduation from year to year.

About Oregon State University

31,904+
Fall 2017 enrollment on two campuses

84%
undergraduates and 17% graduate and professional

34%
of students take at least one course at a distance

28%
of entering freshman qualify for Pell grants and 16% of students identify as being members of underrepresented minority groups

Learn More

To learn more about Oregon State University's adaptive courseware implementation, contact:

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The APLU Personalized Learning Consortium (PLC) is a membership organization of public universities leveraging collaboration and scale to advance the use of technology to improve student learning, retention, and graduation through personalization. To learn more, go to www.aplu.org/plc.

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