

Improving Student Outcomes Through Engagement

For years, educators have relied on demographic information and incoming GPA as key factors when identifying students who may be at risk. However, a recent study by the University of Maryland, Baltimore County (UMBC), Blackboard®, and VitalSource found engagement with digital course materials to be a more significant factor in predicting student outcomes.



Students' **engagement with digital materials is a more powerful predictor of achievement** than demographics and educational background.



Increased engagement with VitalSource and/or Blackboard Learn™ helped incoming **C students at UMBC raise their likelihood of passing a course from 37% to 90%.**



Students with high levels of engagement are dramatically more likely to pass their courses.



Early activity in digital learning tools is a strong predictor of whether a student will pass a course.



Combining data from multiple learning tools via IMS Caliper allows schools to create more accurate predictions of student achievement.

This could mean more timely interventions and more students remaining on track for on-time graduation.

[Read the study to learn more.](#)

VitalSource®