



Writing your way to a better learning experience

FACTS

Customer: Coppin State University, Maryland

Challenge: Improving students' learning experiences and academic achievement, and helping them maximize their time.

Solution: Tegrity Campus, developed by Tegrity, incorporating Anoto functionality for student notes and synchronizing them with class recordings. Employs digital pens and paper with special dot pattern, and software for automatic recording of every class.

Benefits: Stimulates teaching and learning, makes students' lecture notes easier to use as a learning tool. Easy for students and lecturers to use, with minimal administration required.

Bringing the lecturer into your study room

For university students, getting back after a lecture to find that you can't make heads or tails of your notes is an all too common experience. A system developed by American company Tegrity and incorporating Anoto digital paper and pen (DP&P) functionality has been shown to enhance students' learning experiences and achievement.

At Coppin State University in Baltimore, Maryland, students can take lecture notes using digital paper and pens. A tiny camera in the pen – which otherwise exactly resembles a normal pen – combined with a special pattern on the paper, mean that the student's notes are recorded and can later be transferred onto his or her computer.

The Tegrity Campus solution also records the entire lecture including the instructor's voice, optional video, and anything presented on their computer. These indexed class recordings are then linked to the student's notes for instant replay.

This means that students can click on any point in their lecture notes and bring up the exact point of the lecture at which the notes were taken. They can then replay the relevant part of the lecture again to clarify any points that they may have missed in class.

A valuable tool

Ahmed El-Haggan, chief information officer at Coppin State University, says the Tegrity system has "changed the dynamics of learning" at the institution.

In 2005, 700 students on 40 courses were using the Tegrity pens with Anoto functionality. Soon, there will be 1,300 pens in use at the university, and 80 courses or course modules will be using the solution.

El-Haggan says that students have responded very favorably to the solution, and in a recent survey 97 percent of them said they want Tegrity Campus and the digital pen in all their classes.

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Teachers too were impressed, and have “overwhelmingly adopted the program,” El Haggan says. For many faculty members, it is a valuable tool to improve the way they teach.

One day's training

Perhaps the most surprising advantage of the system is that it is so easy for students to pick up.

“It took one day of training, and then people could start using it,” says El-Haggan.

“Of course there were a few people who had issues, such as technophobia, but these were in a small minority.”

The success of the program at Coppin State has encouraged interest from other universities, both in the United States and internationally. This doesn't surprise El Haggan, who says it is “one of the most interesting technologies for stimulating teaching and learning.”

Customer:

Coppin State University, Maryland
www.coppin.edu/

Partner:

Tegrity Inc
www.tegrity.com

Since 1995, Tegrity has provided award-winning products that improve learning and increase enrollment at over 350 educational institutions. The ground-breaking new Tegrity Campus student achievement system is designed to be deployed institution-wide and used by every student. Tegrity is based in Santa Clara, California with regional offices throughout the United States.