Tracking Transformative Change with Classroom Capture at a Liberal Arts Institution

In the Spring of 2006, Saint Mary’s University of Minnesota ran a semester long proof of concept test and then entered into a 3-year agreement with Tegrity as a class-capture solution.

Goals Included:
- Developed new ways to strategically market the university
- Provided added academic value
- Engaging students in new and innovative ways
- Not increasing the amount of student technology (or the technology fee)

Adoption Highlights:
- Year 1: 70% of STEM faculty using Tegrity
- Year 2: Adopted by all faculty in the Oral Communications Department
- Year 3: A total of 44 classrooms configured and 52 faculty using class capture recording with Tegrity

Faculty Comments:
- “I believe for a select number of students it has been beneficial and confidence building. It has helped them organize their approach to the material.”
- “I think I probably spend less time reviewing. I can also be more confident about changes I make in presenting concepts because I can see exactly what I did before rather than rely on my memory/impressions for evidence.”

Technology Integration:
Blackboard:
- Blackboard integration includes the Learning System Enterprise with the Tegrity building block for IMS imports of the Blackboard courses/enrollments. This import occurs daily.

Server and storage:
- AMD 2.6 GHz processor with 2 GB of RAM. 1GB connection to the server backbone switch storage.
- 1.5 TB storage is dedicated on a LeftHand networks IP based SAN for all the Tegrity Data.

Classrooms:
- Capture with tablet PC’s and dedicated desktop PC’s. 80% of classrooms at the college are Tegrity enabled.
Impact on Administration:
“I don’t see Tegrity as a gimmick or fad. I see it as directly related to teaching and learning. Our teachers tell us they are preparing their classes now in different ways, and maybe in more thoughtful ways, as a result of this technology."

- Dr. Jeffery Highland, Provost

Impact on Admissions:
“Tegrity has been a valuable addition to our admission presentations for prospective students, parents or guardians and high school admission counselors. Whether the demonstration is hands on or a verbal explanation, the “WOW” factor is evident each time. The technology is so novel and for many adults unfamiliar so their amazement is usually more enthusiastic than the more tech savvy students”.

- Karen Sullivan, Director for Admission

Impact on Academics:
“When comparing cumulative GPAs between students who use Tegrity and those who don’t, the results are clear. Tegrity offers a significant academic advantage”.

- Dr. Patrick Barlow, Director of College Assessment

Highlights for SMU:
- College enrollment is up (2008-2009)
- Campus Technology webinar sessions on Tegrity that reached hundreds of people across the country (2007 and 2008).
- Phone and site visits as a reference for schools/programs from North Dakota to Norway.
- Received Bronze Award from IMS GLC conference (2007).
- Provost Award from Tegrity (2008).
Tegrity Usage Data:

In the Spring of 2008 we conducted a Student (N=862) Study. This represented a 78% return rate. The study collected both direct (Grades, GPA and Tegrity Usage) and indirect data (20 item self-report survey).

In the Fall of 2008 a faculty study was conducted to understand the extent to which Tegrity is diffusing across the curriculum and the impact faculty felt Tegrity is having on student learning. We had a 50% return rate (N=26 out of 52 Tegrity faculty) for this survey.

In the Fall semester 2008 we had 52 faculty use Tegrity in more than one class and for nearly 90% of the class periods. These faculty captured content in over 135 sections throughout the fall 2008 semester. We have an additional 8 faculty/staff who use Tegrity on an infrequent basis to capture classes/labs and a variety of different types of training materials. SMU also has three Winona based SGPP programs using Tegrity to capture courses and presentations. This astounding diffusion rate is compared on the first slide of this handout which shows our impressive Blackboard diffusion rate (i.e. 96 faculty use within the College or 89%) over eight years.
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About Saint Mary’s:

Saint Mary’s University of Minnesota is dedicated to advancing the educational and career goals of today’s students. Founded in 1912 by Bishop Patrick R. Heffron, Saint Mary’s is a private, Catholic, comprehensive institution, administered by the De La Salle Christian Brothers since 1933.

SMU enrolls about 6,000 students. Of those, about 1,350 are traditional undergraduates; more than 4,600 are adult learners in the Schools of Graduate and Professional Programs.

At the coeducational, residential Winona campus, located in the majestic bluffs of the Mississippi River Valley, the undergraduate College curriculum combines traditional liberal arts and sciences with career preparation in a student-centered environment.

SMU’s Schools of Graduate and Professional Programs is one of the largest graduate schools in Minnesota with an enrollment of over 4,600 students. The SGPP offers certificate, bachelor degree completion, master degree and specialist programs, and a doctoral program. A pioneer in outreach education since 1984, the school creates communities of learning when and where they are needed, serving both adult learners and the broader educational needs of society. Programs are offered at campuses in Minneapolis, Winona and Nairobi, Kenya; centers in Apple Valley, Rochester and Minnetonka; and numerous other locations in Minnesota, Wisconsin and Jamaica.

Website:  
www.smumn.edu

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