

**VII. STANDING COMMITTEES****A. Academic and Student Affairs Committee**

*in Joint Session with*

**B. Finance, Audit and Facilities Committee****Using Technology to Improve the Student Experience****INFORMATION**

This purpose of this presentation is to describe the current and planned technology initiatives to improve the student experience. This presentation is for information only.

**BACKGROUND**

The University has made great strides in achieving the near-term goals of the *Two Years to Two Decades (2y2d)*, *Teaching & Learning in the 21st Century Initiative* over the last year. A great deal of activity has centered on fulfilling the needs and expectations of an increasingly diverse and digitally-savvy UW community, in particular through piloting transformative, integrated technologies that can support cutting-edge pedagogy, save faculty time, and provide academic continuity.

**STRATEGY**

These initiatives detailed below are data-driven, beginning with the 2009 2y2d effort asking more than 3,500 faculty, staff, student, and community stakeholders how to sustain excellence over the next two years while facing rapidly declining state funding, and where the UW should be in 20 years. Other sources of data include:

- IT Strategy for Students: Report to Executive Sponsors (July, 2010)
- UW-IT 2011 Satisfaction Survey
- 2011 Faculty, Teaching Assistant & Student Surveys on Teaching, Learning & Research Technologies
- Autumn 2011 Student Experience Research Project
- Assessments of the pilot projects

As a result, roughly 12 technologies – bought, built, or borrowed – are now on-premise and in the cloud, some in pilot project mode and others in full production.

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## INITIATIVES

### ***Canvas Learning Management System***

Canvas is a modern and flexible learning management system, built as a native cloud-hosted service. It offers an enterprise platform for integrating other teaching and learning tools, and a wide variety of analytics to assess student performance.

- Rollout to all three campuses underway.

### ***Tegrity Lecture and Presentation Capture Software***

Tegrity is a cloud-hosted presentation capture system that lets anyone record from any computer, without specialized hardware or software. On playback, students can personalize their learning as they annotate and bookmark recordings, and faculty can use Tegrity recordings to free up lectures for other activities, such as flipping the classroom.

- Rollout underway on all three campuses.

### ***eText Pilots***

This pilot project delivers eText solutions from two vendors, offering electronic textbooks with collaborative features, accessible via desktop or any mobile device. Texts come at a cost-savings to students, and faculty can shape how students interact with the text.

- Pilots began in Spring 2012 and are still underway.

### ***Mobile Applications for Students***

UW-IT is building several mobile applications requested by students. These include MyUW Mobile, which allows students to view class schedules and access class Web sites, and a student-funded application that helps students find places to study on campus.

- Applications coming Autumn 2012.

### ***Coursera @ UW***

Coursera is both a company and platform for offering massive open online courses, and the UW has signed on as a partner, joining Princeton, Stanford, University of Michigan and ten other institutions. The no-cost UW courses offered in Coursera may be extended by self-sustaining, credit bearing versions

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taught by UW faculty through UW Professional & Continuing Education. The UW is the first university to adopt this model.

- Three/Four UW courses in Coursera for Autumn 2012.

#### ***GradePage Electronic Grade Submission***

Beginning in Winter 2009, GradePage made it possible for faculty to turn in final grades online. With the elimination of paper forms in Autumn 2011, 94% of final grades are now turned in on time, up from 75% in Winter 2009, improving a host of student-focused business processes: scholarships, financial aid eligibility, prerequisites, Honors calculations, etc.

#### ***Financial Aid Self-Service***

New services will allow students to manage their financial aid, check and adjust loans, and assess aid eligibility. Better messaging and self-service for students, with clearer status and actions for online award acceptance, rejection or reduction, enable students to take responsibility for their loan debt. Required document tracking provides visibility into documentation needed to process aid. Loan history helps students monitor their overall student loan debt accumulation.

#### ***Enhanced Online Student and Departmental Academic Planning Tools***

*MyPlan* will provide a one-stop academic planning tool, and *Kuali Curriculum Management* will let departments manage curriculum information more effectively, while offering better information to students. A course availability notification service will help students register for high-demand courses of interest.

- Releases begin Autumn 2012 and continue through FY 2014.