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INFORMATION TECHNOLOGY
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TEACHING, LEARNING AND STUDENT EXPERIENCE

An enormous amount of potential remains untapped for information technology to support and advance teaching, learning and the student experience. A UC-wide coordinated approach offers the potential for leveraging one campus's efforts for the benefit of all, as well as developing new programs and activities that no single campus could create or sustain on its own.

WHERE ARE WE?

- Today's UC students expect to learn, work, and communicate using the web, mobile technologies, the Internet and software.
- Faculty have developed a wealth of instructional content that is largely locked away – all but invisible except to the individual instructor and students currently enrolled in the course.
- We have very few discussions about how UC could strategically use IT to meet its educational goals.

Every campus is struggling to meet service demands and expectations of students. The UC community should be encouraged to continue its efforts to identify how the University can work together to better use IT to interact with and engage students.

UC campuses are increasingly “opening” up instructional content, primarily through podcasting, webcasting and open course ware. We can work together to maximize these efforts and increase their impact.

Innovative faculty often turn to IT to help them improve their teaching. Similarly, the University has the opportunity to innovate from an institutional perspective – to use IT to help reach its educational goals, for example, enhancing faculty-student interaction amid reduced state funding.

Working together presents the best opportunity to leverage our instructional and technology expertise for the benefit of all UC faculty and learners, and to continue to provide an exceptional experience to current and future generations of students.

INFORMATION TECHNOLOGY GUIDANCE COMMITTEE

The Information Technology Guidance Committee (ITGC) established by UC Provost Rory Hume is engaged in a consultative, 18-month University-wide planning process to identify and recommend strategic directions for investment in information technology (IT). These draft recommendations reflect the thinking of the ITGC at a particular point in time, and are by no means final. For access to the draft interim report or to send us your feedback: www.universityofcalifornia.edu/itgc.



WHERE MIGHT WE GO TOGETHER?

Targeted initiatives to realize this potential include:

Courses without Borders

Vision: Increase the breadth and access of curricular offerings to every UC student by using information technology to provide cross-campus courses and facilitate UC faculty team teaching inter-disciplinary courses with colleagues on other campuses.

Approach: Create the IT infrastructure, services, systems, and support necessary to enable faculty to teach UC courses that enroll students from across campuses and are delivered through a variety of technology-mediated approaches, such as online, hybrid (combination of online and classroom experiences), and videoconferencing.

Open Access

Vision: As a land-grant institution, UC makes a unique contribution to the education of the California public. IT presents an opportunity to make an even greater impact by giving faculty the opportunity to free up their instructional content to benefit UC students and faculty as well as California's K -12 community and general public.

Approach: Implement a UC program to find, surface and share course materials, akin to MIT's OpenCourseWare program.

IT in the Student Experience

Vision: Optimize the use of information technology to support the student experience where possible and practical, and develop strategies to address our students' expectations.

Approach: Identify common needs and solutions throughout UC and support promising multi-campus demonstration projects that show potential for improving IT in the student experience across the system.

Create a nexus for Educational & Student Technology

Vision: Essential to the success of us working together is the creation of a locus for leadership, coordination and support for UC collaborative efforts that use IT to support teaching, learning and the student experience.

Approach: This nexus, which will combine campus and system leadership, will improve UC's ability to respond to new opportunities and challenges quickly, attract external funding, and provide leadership in those areas in which UC is uniquely positioned.