

66 – Faculty Support for Digital Education Resources

Action Item Template Response

General Action Item Information

Lead Division/Office: LT

Action Item Number: 66

Action Item Short Name: Digital Education Resources

Dependencies with other EP Action Items: 67

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I. DESCRIBE YOUR PLANS FOR IMPLEMENTING THIS ACTION.

As the next generation of students ("Millennials") begin their matriculation, they will demand instruction in digital formats/contexts, including -- but not limited to -- various multimedia formats and Web 2.0-based applications that allow for extended collaboration, simulations, and games. To best address this need, as well as provide faculty with appropriate resources/support for developing new pedagogies that encompass these formats/contexts, we propose to:

1. Create a new Center for Innovation in Teaching and Learning (CITL) on the Bloomington campus. This new center is being established to bring together expertise in the areas of curriculum design and development, learning technologies, evaluation and assessment, writing across the curriculum, and service learning. CITL is a partnership between the Office of the Vice President for IT (OVPIT) and the Office of the Vice Provost for Undergraduate Education (OVPUE).
2. Leverage relationships with the campus centers for teaching and learning on all IU campuses support innovation in teaching and learning with technology.
3. Develop and implement 10 annual seed grants of \$5,000 each, to encourage faculty to explore development and application of digital educational resources for teaching and learning. Grants will be spread across IUB (5) and IUPUI (5).

ACCOMPLISHMENTS

Apple iPad in teaching and learning Faculty Learning Community (FLC). The iPad FLCs first convened during the fall 2010 semester on both the IUB and IUPUI campuses to explore innovative uses of the Apple iPad to address these diverse goals. The communities have added new membership, and are continuing their work through the 2011-2012 academic year. This FLC includes a specific focus on how mobile tablets, specifically the Apple iPad, can enhance teaching and learning across a wide variety of disciplines/areas of interest. The FLC is intended to (1) encourage faculty to explore whether mobile tablet technology enhances or enables our ability to promote student engagement in the classroom/lab/field; (2) assist small group collaboration in idea creation and sharing or information search/analysis/visual representation; (3) provide access to and manipulation of digital

content, including IU's emerging eText initiative.

Exploring Teaching and Learning with Second Life Faculty Learning Community (FLC). This FLC, comprised of faculty from around the university are holding their discussion "in-world" (i.e., within Second Life, on our IU Second Life, or "IUSL", island) with a specific focus on how virtual learning environments can enhance teaching and learning across a wide variety of disciplines/areas of interest. This FLC is intended to encourage faculty to explore whether Second Life enhances/enables our ability to (1) promote student engagement in an immersive virtual learning environment; (2) develop new pedagogies that take advantage of the wide array of options available in the virtual environment (e.g., the ability to "fly" and/or to design replicas of real-world environments otherwise inaccessible in traditional course format); (3) utilize Second Life in conjunction with other Web 2.0 technologies.

Center for Innovative Teaching and Learning (CITL). A partnership between UITS and the Office of the Vice Provost for Undergraduate Education (OVPU), the CITL was created in summer 2009. A new renovated space in on the second floor of the Wells Library will house the full staff (target summer 2011).

Redesigned Oncourse gateway page. A redesigned page (target January 2012) will deliver continuously updated tech news, and provides a convenient, one-stop location for information about new Oncourse features and enhancements. Its student and instructor "spotlights" highlight innovative uses of Oncourse. It will also announce other important tech news/features/tips on how to best utilize teaching and learning technologies at IU.

II. WHAT ARE THE POLICY AND PRACTICE IMPLICATIONS OF YOUR PLANS?

The ability to take greater advantage of a rich set of technologies (e.g., Adobe products), now available to the university community for little or no cost, has the potential to significantly enhance a broad spectrum of teaching and learning activities. As the plans listed in Section I are implemented, significant changes in curriculum design and delivery will be needed. Faculty support for the use of these technologies is fundamental to the success of this plan.

III. IDENTIFY STAKEHOLDERS.

Faculty, students, staff, and academic administration