



For more information, email us at internship@delta.wisc.edu.

- Contact:** Alan Wolf alanwolf@wisc.edu
- When:** Summer, Fall 2009 development and Spring 2010 implementation
- Funding:** stipend may be available
- Number of interns sought:** 2

UW-Madison was the host institution for the initial offering of the on-line CIRTl Network Effective Teaching with Technology graduate course during spring 2009. UW-Madison and Howard University were the participating campuses. During spring 2010 the course will involve additional CIRTl Network campuses.

The Effective Teaching with Technology course is designed for graduate students, postdoctoral fellows and faculty in science, technology, engineering, and mathematics (STEM) fields who desire to develop new approaches to the effective use of instructional technology in their teaching practice. The course is designed to provide participants with a foundation for choosing appropriate technological tools based on learning needs. Participants also get hands-on experience, through class sessions and an independent project, in the effective use of learning technologies. Last, the course aims to promote the importance and scholarship of the evaluation of the efficacy of instructional technology for student learning.

- Create a common framework or structure for on-line classes
- Develop materials for 1-3 class periods (e.g. the content, activities and assessments for a given topic, like methods for evaluating student understanding using technology);
- Teach the specified classes
- Assess student learning

- The mentored experience of designing and teaching encapsulated course modules
- Working with multiple current and possibly past instructors of the Effective Teaching with Technology course at UW-Madison and across the CIRTl Network
- Exploring and using various technologies for teaching
- Being able to select topics that they find interesting
- Learning how to develop instructional materials that others can adopt and use
- Being able to take the instructional materials and approach with them when they graduate.



1. What technologies are publically available, web based, and free that students in the class can evaluate for their educational uses? How can these technologies be integrated into the course curriculum?
2. What is an effective pedagogical approach to engaging students with various teaching technologies in both a synchronous and asynchronous way?
3. How can the curriculum of the Effective Teaching with Technology course be re-designed to better fit a cross-Network delivery?



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