



Prepare for your future Faculty Position with Graduate Students and Post-Docs from across the U.S.

Fall 2009 CIRTL Network Courses

The CIRTL Network is an NSF initiative to create a learning community of graduate students and post-doctoral fellows at 6 major research universities across the nation. The goal? To use the diversity of the CIRTL Network to prepare future science, engineering and math faculty members who are both superb researchers and excellent teachers.

In Fall 2009 the CIRTL Network will offer two graduate courses:

Teaching and Learning Science: Revealing Student Thinking and Conceptual Obstacles to Learning

This course will explore how undergraduate students understand their disciplines. Participants will discuss course design and how it interacts with student thinking, misconceptions and conceptual gaps, which are among the most serious barriers to new learning. This course is offered on-line; you will be learning with graduate students and post-docs from a wide variety of universities in the CIRTL Network across the nation!

Instructors:
Michael Klymkowsky,
Molecular, Cellular &
Developmental Biology, UC
Boulder

Day: Mondays
Date: September 14, 2009 -
December 7, 2009
Time: 12:00 ET / 11:00 CT / 10:00 MT
Place: *Live* Web Conference
Host Campus: CU-Boulder

The College Classroom

Learn the basics of effective teaching as well as the forefront ideas in college education. Explore what your teaching philosophy might be and how it will impact your future classes. Design a course curriculum accordingly and learn how to monitor and investigate the effectiveness of the learning environment.

Instructors:
Sandra Courter,
Director, Engineering
Learning Center, UW-
Madison

Day: Wednesdays
Date: September 2, 2009-
December 9, 2009
Time: 1:30 ET / 12:30 PM CT / 11:30 MT
Place: *Live* Web Conference
Host Campus: University of
Wisconsin-Madison

Technology Requirements: These courses will use interactive web and teleconferencing technology.

Students will need:

- individual access to a computer in a quiet location with a high-speed internet connection
- a phone line with a speaker phone or headset (some students have successfully joined the teleconference using VoIP tools such as Skype)
- a webcam (if you don't have one, they can be obtained for about \$25)

For more information:
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Students may participate with or without credit, as they prefer. Visit www.cirtlcafe.net/network_courses for details. We strive to be inclusive of anyone interested in participating in our activities, programs, and courses. If you have specific accessibility needs, please let us know in advance so that we may make the necessary accommodations.