

## **COURSE NUMBER: GRED 60612**

Effective and Exciting Teaching in  
Social Sciences

George Lopez, Political Science &  
Peace Studies

**Date:** June 22nd to 26th, 2009  
**M,T:** 9am-4pm/**W:** 1pm-4pm/**R:** 9am-  
12pm/**F:** 1pm-3pm

**Course Description:** This course is designed for continuing social science graduate students who want to increase their classroom effectiveness. The course introduces the logic of and mechanics for developing an effective repertoire of teaching techniques:

1. How to give a spectacular and engaging lecture
2. How to run dynamic discussion groups
3. Learn how to develop a syllabus as if the student learning theory mattered
4. How to understand and use class size, class demographics (esp. race and gender) and age to your advantage
5. How to think about and compose exams

Graduate students in history or other disciplines are most welcome.



UNIVERSITY OF NOTRE DAME

## **COURSE NUMBER: GRED 60640**

Designing and Teaching Your First Biology  
or Chemistry Course

David R. Hyde, Biological Sciences

**Date:** June 1st, 2nd, and 4th, 2009  
1:00 to 5:00pm

**Course Description:** This Course is for continuing graduate students, primarily in biology and Chemistry, who want to improve their effectiveness in teaching in the science classroom and laboratory. It is also intended as a preparation for those graduate students who intend to have a significant teaching component in their future career. Topics covered will include:

1. Steps in progressing from being a graduate student to a faculty member
2. Developing the fundamental tools for your first class
3. Learning to deliver clear lectures
4. Fostering critical thinking and problem solving skills
5. Incorporating collaborative learning
6. Using technology well
7. Designing laboratory experiments

Students will be asked to actively participate in the course through discussions, designing and delivering short lectures, and short writing assignments. This course is required for the completion of the Teaching Development Certification Program in Biological Sciences



Kaneb Center for  
Teaching and Learning

# GRADUATE STUDENTS...

## TAKE A GRADUATE COURSE THIS SUMMER ON COLLEGE AND UNIVERSITY TEACHING



**DEADLINE FOR GRADUATE  
SCHOOL FUNDING:  
MARCH 31st, 2009**

For Registration Information,  
Please see...  
2009 SUMMER SESSIONS  
[http://registrar.nd.edu/  
registration\\_summer.shtml](http://registrar.nd.edu/registration_summer.shtml)

## COURSE NUMBER: GRE 60601

Preparing for an Academic Career In  
Physics, Math and Engineering

Christopher F. Kolda, Physics

**Date:** August 4th, 5th, 6th and 7th, 2009  
9:00 a.m. to 12:00 noon

**Course Description:** This course will cover major issues in teaching and career development for students in science, mathematics and engineering. Topics to be discussed will include:

- Preparing for an academic career
- Finding academic employment
- How academia works: postdocs, networking, publishing and tenure.
- Teaching science, mathematics and engineering at a university
- Course and syllabus design
- How to engage students in the classroom
- How to gauge student learning
- Balancing teaching and research

Students will be expected to give a short presentation on a topic of their choice within their own disciplines.



## COURSE NUMBER: GRE 60501

Teaching Engineering Tutorials and  
Laboratories

Engineering Staff

**Date:** August 11th and 12th, 2009  
9:00 a.m. to 4:00 p.m.

**Course Description:** This course is intended for Teaching Assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of Notre Dame undergraduate, sensitivity to diversity, etc. A short presentation of a topic in your discipline is a course requirement.

## COURSE NUMBER: GRE 60641

Theory and Practice of Questions and Answers

Julianne Bruneau, English, Goshen College

**Date:** June 15th, 16th, 17th, and 18th, 2009  
1:00 to 4:00 p.m.

**Course Description:** This course invites graduate students of all disciplines to explore the many roles questions can take in the classroom and how we can provoke good questions and answers from our students by asking good questions ourselves. Participants will read and discuss research on such topics as wait time, "authentic" questions, and ways to address different intelligences and levels of proficiency. The class participants will then apply the ideas raised in the course to generate test, homework, and discussion questions for their own subject area classes.

## COURSE NUMBER: GRE 60610

How to Teach Effectively and Prepare for  
an Academic Career in the Humanities &  
Social Sciences

Joseph P. Wawrykow, Theology

**Date:** June 1st, 2nd, 4th, and 5th, 2009  
1:00 to 4:00 p.m.

**Course Description:** There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal course work and degree programs, but which are of concern for those who plan to spend their careers in academic life. The course introduces doctoral students, especially those in the humanities and social sciences, to a number of these in an effort to promote professional development. The course is built around four major areas:

- Academic positions and expectation
- Teaching and teaching skills
- Research
- Service

We will explore a wide range of topics for each of these areas, including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professor. It is designed for those on the job market, but is open to any who want to learn about the requirements of academia.