

COURSE NUMBER: **GREED 60612**

Instructor: George Lopez, Professor
Political Science

**Title: Effective and Exciting Teaching
in Social Sciences**

Date: Monday, Tuesday, Thursday, and
Friday, June 9, 10, 12, & 13, 2008

Time: 9:00am to noon and 1:00 to
3:00pm.

Credit Hours: (1)

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 engrossing 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.

COURSE NUMBER: **GREED 60640**

Instructor: David R. Hyde, Professor
Biological Sciences

**Title: Designing and Teaching Your First
Biology or Chemistry Course**

Date: Monday, Tuesday and Thursday
June 2, 3, & 5, 2008

Time: 1:00 to 5:00pm

Credit Hours: (1)

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. Mastering the basics of teaching (attitude, preparation, grading, preparing a syllabus)
2. Learning to deliver clear lectures and lead class discussions
3. Fostering critical thinking and problem solving skills
4. Incorporating collaborative learning
5. Using technology well
6. 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 31, 2008**

**For Registration Info,
Please see...
2008 SUMMER SESSIONS
[http://registrar.nd.edu/
registration_summer.shtml](http://registrar.nd.edu/registration_summer.shtml)**

COURSE NUMBER:
GRED 60501

Instructor: Jay Brockman
Associate Professor
Computer Science & Eng.

Title: Teaching Engineering Tutorials and Laboratories

Date: Tuesday & Wednesday
August 15 & 16, 2008

Time: 9:00 a.m. to 4:00 p.m

Credit Hours: (1)

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:
GRED 60601

Instructor: Christopher F. Kolda
Associate Professor
Physics

Title: Preparing for an Academic Career In Physics, Math and Engineering

Date: Tuesday, Wednesday, Thursday, Friday
August 5, 6, 7, & 8, 2008

Time: 9:00 a.m. to 12:00 noon

Credit Hours: (1)

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:
GRED 60610

Instructor: Joseph P. Wawrykow
Associate Professor
Theology

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

Date: Monday, Tuesday, Thursday, Friday
June 2, 3, 5, & 6, 2008

Time: 1:00 to 4:00 p.m.

Credit Hours: (1)

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.