

Kaneb Center

for Teaching and Learning

GRADUATE STUDENTS...

TAKE A GRADUATE COURSE THIS SUMMER
ON COLLEGE AND UNIVERSITY TEACHING



2016 Summer Session Registration Information:

summersession.nd.edu

GREd 60501 Teaching Engineering Tutorials and Laboratories (1 cr.)

Bill Goodwine, Engineering

07/26-07/27 • TW• 9:00a to 4:00p

This course is intended for teaching assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of Notre Dame Undergraduates, sensitivity to diversity, etc. A short presentation of a topic in your discipline is a course requirement.

GREd 60601 Preparing for an Academic Career in Physics, Math, and Engineering (1 cr.)

Philippe A. Collon, Physics

07/05-07/08 • TWRF • 9:00a to 12:00p

This course will cover major issues in teaching and career development for students in science, mathematics, and engineering. Topics covered 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.

GREd 60610 How to Teach Effectively and Prepare for an Academic Career in the Humanities & Social Sciences (1 cr.)

Joseph P. Wawrykow, Theology

05/30-06/03 • MTRF • 1:00p - 4:00p

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. This course introduces doctoral students, especially those in the humanities and social sciences, to a number of these in an effort to promote professional development. Topics covered will include:

- Academic positions and expectations
- 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. This 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.

GREd 60612 Effective and Exciting Teaching in Social Sciences and Humanities (1 cr.)

George Lopez, Political Science

6/20-6/30 • MTWR • 9:00a to 12:00p

This course is designed for graduate students who want to be prepared for classroom teaching and increase their classroom effectiveness. This course introduces the logic of and mechanics for developing an effective repertoire of teaching techniques. Topics covered will include:

- How to give an engaging and effective lecture
- How to run dynamic discussions
- The advantages and dangers of using technology in class
- How to design exams and writing assignments, and how to grade them
- Working with teaching assistants
- Designing a class and syllabus
- Creating a teaching portfolio

GREd 60615 Teaching Writing/Teaching with Writing (1 cr.)

Matthew Capdevielle, University Writing Program

5/24-06/02 • TWR • 9:00a to 11:05a

This course is for graduate students, post-doctoral scholars, and faculty looking to enhance their teaching by honing their skills as teachers of writing in their home disciplines. Participants will develop a deeper understanding of the role that writing plays in the learning process and will use that understanding to design writing assignments and activities that best support the learning goals of participants' courses. Topics covered will include:

- Understanding the role of writing in the learning process
- Understanding the writing process itself
- Designing writing assignments to foster creativity, deepen understanding, and ensure academic integrity.
- Defining standards for evaluation of student writing
- Commenting on student writing (to maximize the learning benefit for students and minimize the time spent grading)
- Using rubrics for assessment
- Handling plagiarism
- Productive conferencing with students (one-to-one)

ENROLL TODAY - Registration begins March 16th. Visit summersession.nd.edu

TUITION SUPPORT - Contact your academic department to apply for funding.

HAVE QUESTIONS? - Contact Joanna Sherburn at Kaneb@nd.edu or (574) 631-9146.

and conversation about teaching and encouraging the adoption of practices that enhance learning.

GED 60640 Designing and Teaching Your First Biology or Chemistry Course (2 cr.)

David R. Hyde, Biological Sciences

05/16-05/19 • MTWR • 9:00a to 5:00p

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:

- Steps in progressing from being a graduate student to a faculty member
- What is expected when you start a new faculty position
- Developing the fundamental tools for your first class: outline, syllabus, course materials
- Learning to deliver clear and engaging lectures
- Fostering critical thinking and problem solving skills
- Incorporating collaborative learning
- Using technology well
- Standard, flipped, hybrid and online courses
- Assessment: what it means for the student and the instructor
- Designing a laboratory course and the appropriate 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.

GED 64600 Teaching and Learning Online (1 cr.)

Sherry A. Clouser, Assistant Director of Learning Technologies at the University of Georgia

07/11-07/15 • MTWRF • 10:00a to 12:00p

If you were asked to teach an online course, where would you start? In this course, which will be delivered completely online, you will learn a number of strategies and reflect on what it means to be an online teacher and learner. Topics covered will include:

- Overview of online learning-definitions, brief history
- Active learning and Assessment in online courses-activities and assessment strategies
- Facilitating and Managing online courses-instructor roles and responsibilities
- Research and Professional development-exploring online resources for continuing professional development following the course

Students will be asked to actively participate in the course through morning meetings, small group activities, class discussions, independent readings, and web site reviews.

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