

GS 600 SPECIAL TOPICAL GRADUATE COURSE.**(1-3)**

An interdisciplinary, topical or experimental course to be approved by the Dean of the Graduate School. A particular course can be offered no more than twice under the number GS 600. May be repeated to a maximum of six credits. Prereq: Consent of instructor.

GS 610 COLLEGE TEACHING.**(1)**

This one-credit-hour seminar addresses teaching and learning issues in the college classroom. It is intended for graduate students who want to prepare for future academic careers and enhance current teaching activities. The seminar will examine pedagogical issues in a general format with opportunities for discipline-specific applications. This course can serve to augment any department-based programs.

GS 620 TEACHING IN THE 21ST CENTURY.**(1-2)**

This seminar, part of the Preparing Future Faculty program, is a rotating series of 1-2 credit hour courses on various aspects of life in institutions of higher education. Participating graduate students from a range of disciplines will have the opportunity for an in-depth exploration of the research and practice surrounding a special topic in college teaching and learning. The seminars will involve both classroom activities and experience-based learning. For example, the course on first-year students will include a study of current research on the first-year experience, interviews with first-year students, and an experiential component where participants serve as mentors for first-year students. Participants will be asked to produce a paper that integrates the theoretical and experiential aspects of the course and develops implications for teaching in their content areas. May be repeated to a maximum of three enrollments.

GS 630 INSTRUCTIONAL TECHNOLOGY.**(1)**

This seminar addresses pedagogically sound and effective applications of instructional technologies (IT) in college teaching. Course goals include examining the impact of IT on learning outcomes, teaching strategies, and instructional assessments; developing proficiency in creating PowerPoint presentations, designing and managing instructional Web sites, facilitating Internet dialogue, and conducting distance learning courses; and considering how IT affects faculty roles and responsibilities, the nature of the college classroom, and the future of higher education.

GS 640 GRANT WRITING.**(3)**

This course prepares graduate students to be PI on a state, federal, other large competitive grant. Students prepare and critique proposal. Prereq: GS 650.

GS 650 PREPARING FUTURE FACULTY.**(2)**

Preparing Future Faculty is designed to introduce graduate students to the roles and responsibilities of the college teacher and to assist them in understanding the variety of institutions in which effective teaching takes place. Students will focus on the academic expectations, institutional identities, and particular policies and procedures which characterize different types of institutions of higher learning. Skills to help students apply for positions and achieve success in their appointments will also be addressed. Lecture, two hours per week.

GS 660 MULTIDISCIPLINARY SENSING TECHNOLOGY SEMINAR.**(1)**

A multi-disciplinary seminar in Sensors and Sensing Architectures. May be repeated to a maximum of four credits. Prereq: Graduate status.

GS 695 SPECIAL PROBLEMS IN COLLEGE TEACHING AND LEARNING.*(1-3)**

This special problems course is designed to provide opportunities for graduate students and postdoctoral scholars pursuing a Certificate in College Teaching and Learning to explore special problems related to college teaching that bridge or fall outside the domain of departmental efforts; graduate students exploring faculty development as a career option; and students who currently hold full-time teaching positions in colleges or universities and who are interested in professional development or credentialing in College Teaching and Learning. An "Independent Graduate Work Initiation Form" must be filed with the Certificate Director prior to registration for this course. May be repeated to a maximum of six credits. Prereq: Submission of the GS 695 Proposal Form one semester in advance.

GS 699 PRACTICUM IN COLLEGE TEACHING.**(3)**

The Practicum is a mentored teaching experience that not only immerses the graduate student in teaching by also fosters reflection on the experience, provides structured feedback and plans for improvement, and guides students in developing a teaching portfolio. The practicum requires that the graduate student assume full responsibility for a course, under the guidance of a mentor teacher. Supervision for the practicum experience is a joint responsibility of the Teaching and Learning Center, certificate faculty, and the student's mentor. The practicum is distinct from many mentored Teaching Assistant experiences because the student must have full responsibility for the course, including syllabus and materials development, assessment, instructional responsibilities, and grade assignments. Credit will not be assigned until the graduate student has submitted a teaching portfolio that includes the practicum experience. Prereq: EPE 672; GS 610 (or equivalent); consent of instructor required.

GS 758 CAPSTONE RESIDENCY.**(0)**

Completion of capstone project for plan B (non-thesis) students; course may not be repeated. All course work toward the degree must be completed. Prereq: All course work toward the degree must be completed.