**PHYS 95000, Physics Teaching Practicum**

1 credit  
Graded Satisfactory/Unsatisfactory  
Permission required; repeatable  
Instructor: DGS of the department

**Syllabus**

A class designed to offer supervised teaching experience to graduate students in physics who have completed the majority of their class work. Three lectures are planned, delivered and observed, and reflected upon. A teaching portfolio/notebook documents the experience. The student

- Attends a required orientation session with DGS and the Kaneb Center for Teaching and Learning on:
  - Setting goals and expectations for the experience.
  - Identifying instructors to serve as mentors.
  - Identifying types of lecture opportunities as characterized by audience.
  - The three steps for the teaching portfolio: Lecture plan; Observation and interview with observer; Reflection.
  - Further opportunities through the Kaneb Certificate Programs.

- Schedules lecture opportunities:
  - Limited to three lectures each per semester for both the faculty and the graduate students.
  - Each lecture is subject to the agreement of the course instructor, the observer, the DGS, and the graduate student.

- Plans the lectures:
  - Meet with course instructor.
  - Optional meeting with the Kaneb Center.

- Schedules the observation sessions:
  - Observer can be course instructor, another physics faculty member, or a member of the Kaneb Center (limited to a maximum of 2 of 3 observations).
  - Option of video-taping one lecture.

- Lectures.
- Schedules follow-up interviews with observer.
- Writes reflections of the experience.
- Documents the three lectures in a teaching portfolio/notebook.
**PHYS 95000, Physics Teaching Practicum**

1 credit  
Graded Satisfactory/Unsatisfactory  
Permission required; repeatable  
Instructor: DGS of the department

**Bulletin Description**
A class designed to offer supervised teaching experience to graduate students in physics who have completed the majority of their class work. Three lectures are planned, delivered and observed, and reflected upon. A teaching portfolio/notebook documents the experience. There is a mandatory orientation session that must be completed prior to the teaching experience.

The DGS will match physics graduate students wishing to gain teaching experience with physics instructors who are willing to mentor qualified graduate students in teaching selected lectures in their course. This opportunity is limited to three lectures each per semester for both the faculty and the graduate students. Each lecture will be subject to the agreement of the course instructor and observer and arranged with the DGS at least a week in advance of the lecture. Instructors serving as mentors will be expected to work with the graduate student on the preparation of the lecture for the course. A faculty observer for the lecture will then be selected. The observer will provide one page of written feedback to the student and discuss the results with the student in a follow-up interview. A teaching portfolio/notebook documents the planning, observation, and student’s reflection on the experience.

The class, PHYS 95000, will be added to a student’s transcript with the grade of “S” once three lectures and teaching portfolio are completed. The three lectures need not all be with the same instructor and may be spread over more than one semester.