Syllabus – Fall 2011

Math Course No. **8200**   Section **001**
Title of the Course **Topics in Applied Mathematics**

Class Meeting Time: **MW 11:00 − 12:20**   Location: **CC 617**

INSTRUCTOR(S):   Daniel B. Szyld (with Yury Grabovsky and Benjamin Seibold)
OFFICE LOCATION: Wachman 506 (516 and 518)
OFFICE PHONE NO.:   215.204.7288 (no voice mail)
OFFICE HOURS: By appointment.
ELECTRONIC ADDRESSES:
szyld@temple.edu (also yury@temple.edu and seibold@temple.edu)

Prerequisites: Real Variable, Complex variable, Advanced and multivariate calculus.
Textbook: No textbook required.
Course Goals: To introduce students to mathematical modeling techniques.
Topics Covered: models of foam, models of insect locomotion.
Course Grading: 60% presentations and midterm report, 30% final report, 10% class participation.

Any student who has a need for accommodation based on the impact of a disability should contact the instructor privately to discuss the specific situation as soon as possible. Contact the Disability Resources and Services office at 215.204.1280 in 100 Ritter Annex to coordinate reasonable accommodations, if needed.

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has adopted a policy on Student and Faculty Academic Rights and Responsibilities (Policy # 03.70.02) which can be accessed at http://policies.temple.edu/

Students will be charged for a course unless a withdrawal form is processed by a registration office of the University by the Drop/Add deadline date given below. For this semester, the crucial dates are as follows:

The first day of classes is Monday, August 29.

The last day to drop/add (tuition refund available) is Monday, September 12.

The last day to withdraw (no refund) is Tuesday, October 25.

The last day of classes is Wednesday, December 7.

During the first two weeks of the fall or spring semester or summer sessions, students may withdraw from a course with no record of the class appearing on the transcript. In weeks three through nine of the fall or spring semester, or during weeks three and four of summer sessions, the student may withdraw with the advisor's permission. The course will be recorded on the transcript with the instructor's notation of "W," indicating that the student withdrew. After week nine of the fall or spring semester, or week four of summer sessions, students may not withdraw from courses. No student may withdraw from more than five courses during the duration of his/her studies to earn a bachelor's degree. A student may not withdraw from the same course more than once. Students who miss the final exam and do not make alternative arrangements before the grades are turned in will be graded F.

The grade I (an "incomplete") is reserved for extreme circumstances. It is necessary to have completed almost all of the course with a passing average and to file an incomplete contract specifying what is left for you to do. To be eligible for an I grade you need a good reason and you should have missed not more than 25% of the first nine weeks of classes. If approved by the Mathematics Department chair and the CST Dean's office, the incomplete contract must include a default grade that will be used in case the I grade is not resolved within 12 months.