MATH 401: Introduction to Real Analysis

Fall 2012

Classroom: 204 Sackett Building, MWF 1:25–2:15 pm

Instructor: Alberto Bressan http://www.math.psu.edu/bressan/

Office Hours: Monday 11:00-12:00, Wednesday 10:00–11:00, Friday 11:00-12:00, McAllister 201.


Syllabus: Real numbers and their properties, sequences, infinite series, limits, continuous functions, differentiable functions, uniform convergence, power series.

Students who have passed Math.403 may not schedule this course.
Prerequisite: Math.230 or Math.231

Grade: The final grade will be determined based on:
30% homeworks (collected weekly in class, every Wednesday),
25% quizzes (given in class, approximately one every three weeks),
20% midterm (first half of material),
25% final (almost comprehensive).

The lowest score among the homework assignments and the lowest score among the quizzes will be dropped.
As usual, 90% will earn you an A, 80% will earn you a B, 70% will earn you a C. These cutoffs may be lowered (but not increased).

All Penn State Policies regarding ethics and honorable behavior apply to this course.
For detailed information, see: http://www.psu.edu/ufs/policies/