3450:223, 3450:307 highly recommended. Real number system, sequences, series, set theory, continuity, differentiation, integration

Text: Real Analysis, A First Course, by Russell A. Gordon.

Instructor: Dr. D.P. Story   Home Page: [http://www.math.uakron.edu/~dpstory/](http://www.math.uakron.edu/~dpstory/)
Office: CAS 252   E-mail: dpstory@uakron.edu
Phone: 972-7514
Office hours: MTWF 12:05–12:55 p.m.

Class Format: Informal combination of lecture and problem solving.

Grading: The course grade is based on 470 points, obtained as follows:

- 2 tests @ 100 pts each = 200 pts
- Homework = 120 pts
- Final Examination = 150 pts
- Total = 470 pts

Grading Scale: Grades will be assigned according to the following percentages:

- A: 90–100%
- B: 80–89%
- C: 70–79%
- D: 60–69%
- F: 0–59%

Homework: Homework will be assigned on a regular basis, collected, and some problems graded. Generally, it is expected that you do your own work. You may discuss ideas/approaches to a problem with classmates, but avoid specifics. Write up your own work. *Don’t copy the work of others!* Be neat, concise and well-organized.

Other Policies:

1. Make-up of a test will only be given to those students that have a valid excuse. *You must have a letter from a person in authority: medical doctor, lawyer, judge, etc.*
2. Plus/minus grades will be given on the final grade sheet to those students who are close to grade cutoffs.
3. Final week for withdrawals is November 15–19. For additional dates see the Registrar’s web site at [http://www3.uakron.edu/registrar/dates.html](http://www3.uakron.edu/registrar/dates.html).

Tentative Course Outline:

Selected topics in Chapters 1–4, as time permits.