Course Description: Prerequisites: 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/
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:

<table>
<thead>
<tr>
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<th>Points</th>
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<tbody>
<tr>
<td>2 tests</td>
<td>200 pts</td>
</tr>
<tr>
<td>Homework</td>
<td>120 pts</td>
</tr>
<tr>
<td>Final Examination</td>
<td>150 pts</td>
</tr>
<tr>
<td>Total</td>
<td>470 pts</td>
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</tbody>
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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 April 15. See http://www.uakron.edu/registrar/, and click on the Dates link on the left.

Tentative Course Outline:
Selected topics in Chapters 4–7, and possibly Chapter 8, as time permits.