Course Information


(also linked from my webpage)

Instructor: Casian Pantea (Casi) [http://math.wvu.edu/~cpantea/](http://math.wvu.edu/~cpantea/)

Class schedule: Tuesdays, Thursdays 11:30AM-12:45PM in Armstrong 117

Office hours: Tuesday 10-11AM, Thursdays 6-7PM, in Armstrong Hall 305B

Additional help: [Math learning center](http://math.wvu.edu/~cpantea/) Monday-Thursday 8AM-3PM, Friday 8AM-2PM

Prerequisites

Math 283.

Course Description

The course is intended as an introduction to analysis, with particular emphasis on concepts like continuity, convergence of sequences of numbers and functions, and differentiation. The course is rigorous, and thus formal proof-writing will be stressed throughout. Proficiency with the concepts and techniques of Math 283 will be very important, and assumed here.

Evaluation

Grading scheme

- 30% Final exam
- 40% Two midterm exams
- 20% Quizzes
- 10% Homework assignments
- The following scheme will be used to assign letter grades:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 – 100%</td>
</tr>
<tr>
<td>B</td>
<td>80 – 90%</td>
</tr>
<tr>
<td>C</td>
<td>70 – 80%</td>
</tr>
<tr>
<td>D</td>
<td>60 – 70%</td>
</tr>
<tr>
<td>F</td>
<td>0 – 60%</td>
</tr>
</tbody>
</table>
Quizzes

- There will be six 10-minutes quizzes (one every two weeks), out of which the best five will count towards your grade.
- Quizzes will test the material covered during the previous two weeks.
- No make-up quizzes will be given.

Homework

- Homework will be assigned once every two weeks, and due two weeks later (please see the course schedule below for exact dates).
- Your best five homework papers will count towards the final grade.
- Late turn-ins will not be accepted.

Midterms

- There will be two 75-minutes in-class midterm exams, on September 22 and November 3.
- Midterm exams will test material covered after the previous midterm (they are not cumulative).
- Calculators are not allowed.
- No make-up midterm will be given.

Final Exam

- Wednesday Dec 16 2015, 11AM-1PM in Armstrong 117.
- Final is cumulative (i.e. all material covered during the semester will be tested).

Doing well in this class

The prerequisites for the class are rather light; while the material will be built from scratch, it is dense and highly not trivial, and will require a certain degree of mathematical maturity on your part. As is often the case in math courses, we will constantly build upon previous stuff; therefore, not leaving gaps in your understanding of the material is crucial for succeeding. This will require a sustained effort on your part, and in addition to attending lectures, you are encouraged to take advantage of instructor’s office hours and the drop-in Math Learning Center. Of course, this is not a substitute for also working on your own; it is essential to think about the material, read the suggested texts, and solve homework problems by yourself. This last bit is a prerequisite to being able to solve problems under the pressure of a quiz or an exam.

Accessibility Needs

If you are a person with a disability and anticipate needing any type of accommodation in order to participate in this class, please advise me and make appropriate arrangements with the Office of Disability Services (304-293-6700).