

# Math 2510.001 Course Syllabus - Fall 2008

**Meets:** MWF 9:00-9:50 in GAB 206

**Instructor:** Dr. Pieter Allaart

**Office:** GAB 415; Phone: 369-7313

**Office Hours:** (*tentative*)

- Hours TBA
- By appointment

You are also welcome to drop by outside office hours without an appointment. However, there will be occasions when I will be busy, and I may ask you to wait or to come back later.

**E-mail:** [allaart@unt.edu](mailto:allaart@unt.edu)

**Book:** Analysis with an introduction to proofs (4th ed.), by Steven R. Lay.

**Prerequisite:** Math 1720.

**Grading:** Grades will be based on three regular exams, homework, and a final. Each regular exam is worth 100 points, and your lowest exam score will be dropped. The homework is worth 150 points total, and the final is worth 150 points. This gives you a total of 500 possible points. Extra points can be earned by presenting one or two homework problems on the blackboard (see *blackboard presentation* below). To earn an A it is sufficient to make a total of 450 points, 400 for a B, 350 for a C, and 300 for a D. In fact, the grading scale may be slightly lower than the numbers indicated, depending on the level of difficulty of the exams.

**Regular Exams:** The regular exams will be on September 26, October 24 and November 21. (There is a slight chance that these dates will change.) The final exam will be on Wednesday, December 10 at 8:00 am. If you miss an exam and don't contact me within 24 hours with a valid excuse, no make-up exam will be given. Make-up exams are for emergency situations only. This does not include oversleeping, your roommate making off with your car, etc.

**Homework:** Homework will be assigned at the end of each class period, and will always be due the following class period (except when there is an exam the following class period). A selection of the homework exercises will be graded and returned to you with limited feedback. Please leave plenty of white space in your work to allow room for comments. Do NOT write in multiple columns. For more detailed feedback

on your work, you are encouraged to come to my office. You should expect to spend at least two hours on work for the course outside class for every class hour. That makes 6 hours per week! You are strongly encouraged to take advantage of my office hours for help in understanding the material and writing proofs. Late homework will not be accepted, unless you have a valid excuse (e.g. illness, or death in the family). Homework which is messy or difficult to read will not be graded. If you could not come to class, and missed the assignment, it is your responsibility to find out what the assignment is (see below).

**Web page:** Homework assignments and other important information concerning this class will also be posted on the web at <http://www.math.unt.edu/~allaart/classes.html>. Whenever you miss class, check this page to find out about assignments that you missed. If no homework is posted, this does *not* mean no homework is due - contact me to make sure. Posting the homework on the web is an extra service to you; in the rare instances where I forget to do so, you are not exempted from doing the homework.

**Blackboard Presentation:** Starting from week two, at the beginning of each class period someone will be asked to present one of the homework exercises on the blackboard. This is not mandatory, but by doing so in a satisfactory manner you will get 1 percentage point added to your final course percentage (up to a maximum of 3 points over the semester, depending on the number of students in the class). Everyone will have equal chances to earn these extra points. If you are asked but decline, you may have to wait a considerable time until your next chance. If you miss class often, you forfeit your chance to earn these extra points.

**Attendance:** Attendance is not required for this class. However, I strongly recommend that you come to class each class day, in order to keep track of what is going on and not to fall behind.

**Extra credit:** Do not expect to be able to do some extra work to help your grade either before or after the final exam. There will be no extra credit other than perhaps an extra problem on an exam or project. Your best bet to help your grade is to do the required work at the time it is assigned.

**Disabilities:** It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.

**Cheating:** No cheating will be tolerated. Anyone caught cheating will be subject to any penalty the instructor deems appropriate, up to and including an automatic F for the course. Furthermore, a letter will be sent to the appropriate dean.