

Math 1680-007 Syllabus - Fall 2007

Meets: TR 9:30-10:50 in Wooten Hall, Rm 318

Instructor: Dr. Pieter Allaart

Office: GAB, Room 415; Phone: 369-7313

Office Hours: MW 2-3, TR 11-12, or by appointment.

E-mail: allaart@unt.edu (Please include "MATH 1680" in the subject line, so that your email will not be mistaken for spam.)

Book: Statistics (4th edition), by D. Freedman, R. Pisani and R. Purves. (Chapters to be covered: 1-6, 8-10, 13-21, 23, and, if time allows, 26.)

Prerequisite: Math 1100 with grade of C or better. (Strictly enforced)

Course objectives:

- To develop an intuitive understanding of the meaning of statistics and probability
- To learn basic computational and graphical skills associated with statistics and probability
- To learn to apply statistics and probability to problems in the real world.

Grading: Grades will be based on three mid-term exams, quizzes, homework, and a final. The grades are weighted as follows:

Lowest of the three mid-term exams:	10%
The other two mid-term exams:	40% (20% each)
Quizzes:	10%
Homework:	15%
Final Exam:	25%

To earn an A it is sufficient to have a weighted average of 90%, 80% for a B, 70% for a C, and 60% 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.

Mid-term Exams: The mid-term exams will be given in class on September 27, October 25 and November 29. If you show up late for an exam, without a valid excuse, do not expect to be given extra time for the exam. (Oversleeping or being stuck in traffic is NOT a valid excuse.) The final exam is on Tuesday, December 11 at 8:00am.

Quizzes: Each class period (with the exception of exam days and review days) will end with a short quiz to test whether you have understood the material discussed that day and can apply the new techniques. You may work on this quiz with other

students and/or get help from your instructor. No make-up quizzes will be given, but your two lowest quiz scores will be dropped.

Homework: Homework will be assigned at the end of each class period, and will be collected the following class period. *Try to work all of the problems on the day they are assigned* - that way, should you have difficulties, you will have the entire next day to seek help with the homework. You should expect to spend at least two hours on work for the course outside class for every class hour. That makes six (6) hours per week! Your lowest homework grade will be dropped. Late homework will not be accepted. Exception: Should extenuating circumstances such as sickness or death in the family make it impossible for you to turn in homework in time, you must contact me as soon as possible. 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).

Math Lab: The Math Tutor Lab (GAB 440) is there to help you with homework problems (but NOT to do your homework in your place!) Use of the Math Lab is highly encouraged. (See the Math Lab flyer that will be handed out during the first week of class.)

Web page: Homework assignments, lecture notes, and other important information concerning this class will also be posted on the web at

<http://www.math.unt.edu/~allaart/classes>

Whenever you miss class, check this page to find out about assignments that you missed. You are encouraged to download the lecture notes (in PowerPoint format), print them and READ them before class, and bring them to class.

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. Further, to train the critical thinking that is necessary for successful use of statistics, it is important to attend class and actively take part in the discussions.

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.