

Math 220-01 (9:50 - 11:330 TR 207 Roberts)

Data Analysis

Fall 2008

Instructor: Dr. Lori Koban

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Office Hours:

I will be in my office at the following times: **MWF 12 - 1** and **TR 1 - 2**.

Please feel free to make an appointment for another time.

Required Text/Software:

- Moore, McCabe, Craig, *Introduction to the Practice of Statistics*, W.H. Freeman, 2009.
- Fathom Dynamic Data Software, Version 2, Student Edition, Key College, 2005.

Materials:

- You need to bring a TI-83 or TI-84 EVERY class.
- I recommend that you have a three-ring binder for this course.
- You need not bring your text to each class, as long as you bring your homework and class notes.

Course Description: We will definitely cover chapters 1-8 in our text. I also hope to cover most of chapters 9-13.

Grades: Your grades will be calculated in the following way:

3 Exams	300 points (100 points each)
Cumulative Final Exam	150 points
Quizzes	100 points
Computer/Calculator Labs	50 points
3 Statistical Reports	150 points (50 points each)
Homework	0 explicit points

Exams: There will be three exams. Taking exams is not optional. Unless you have an excellent reason that is supported by documentation, there are no make-up exams. If you think that you have a reason to miss an exam, then contact me in advance and we will discuss your situation. If you miss an exam, then your score is a 0.

Final: The final exam is on Thursday, December 18 from 10:30 to 12:30.

Quizzes: There will be a quiz every Thursday that is not part of an exam week. Each quiz is worth 15 points. Your seven best quizzes will count towards your quiz grade. (Notice that this gives you five free points.) There are no make-up quizzes.

Computer/Calculator Labs: Some class time will spent in the lab learning how to use Fathom and the TI-83. Some labs will be assigned to be done outside of class. Each lab is worth 10 points. Your five best labs will count towards your grade. There are not make-up labs.

3 Statistical Reports: Reports will be assigned at least two weeks before they are due. I expect high quality writing and precise mathematics. Reports will not be accepted late.

Homework: This is the most important part of the course!

Course Grades: Here is how your number of accumulated points will determine your grade. I reserve the right to change the scales to benefit the students.

	B+: 652 - 674	C+: 577 - 599	D+: 502 - 524	F: less than 450
A : 697 - 750	B : 622 - 651	C : 547 - 576	D : 472 - 501	
A- : 675 - 696	B- : 600 - 621	C- : 525 - 546	D- : 450 - 471	

If your grade is borderline (eg. 620 points), I may increase your grade (give you a B instead of a B-) if your class attendance, participation, and effort have been exceptional throughout the semester.

Attendance: I expect you to attend every class. Missing even one class is unacceptable, unless you have a very good reason. Please come to class on time. Attendance will be taken at 9:50 sharp.

Cell Phones: Turn them off before class. The first time your cell phone makes noise in class, you get a warning. For each subsequent offense, I will deduct one letter grade from your next exam grade.

Students Needing Special Accommodation: Equal educational opportunity is offered to students with special needs due to disabilities. Please notify me if a reasonable accommodation is needed to meet course requirements.

Academic Honesty: If you cheat, the minimal penalty is a grade of "F" on the pertinent exam (or assignment). The maximal penalty is a grade of "F" in the course AND my recommendation that your cheating be brought to the attention of the Director of Student Judicial Affairs and the Dean of your college.