

# Math 270-01 (9:00 - 9:50 MWF 344 Stillwell)

## Statistical Methods I

Fall 2005

**Instructor:** Dr. Lori Koban

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**Office Hours:**

I will be in my office at the following times: **MF 12 - 1** and **TR 9:30 - 10:30**.

Please feel free to make an appointment for another time.

**Text:** Jay DeVore & Roxy Peck. *Statistics the Exploration and Analysis of Data*, Fourth Edition. W. H. Freeman, 2001.

**Calculator:** The TI-83 calculator is REQUIRED for this course. Bring your book and calculator to every class.

**Course Description:** Descriptive statistics, probability and sampling distributions, estimation, hypothesis testing.

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

|                       |                              |
|-----------------------|------------------------------|
| 3 Exams               | 300 points (100 points each) |
| Cumulative Final Exam | 150 points                   |
| Project               | 100 points                   |
| Quizzes               | 100 points                   |

**Exams:** There will be three exams. Tentative exam dates are September 23, October 28, and December 7. 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 Tuesday, December 13 from 8:30 to 11:00.

**Project:** You are required to complete a semester-long project. It will be distributed in early October and will be due on December 9, the last day of the semester.

**Quizzes:** There will be a quiz every Friday 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 give you five free points.) Each quiz may be in-class or take-home. If it is take-home, then it is due at the beginning of the class on the following Monday. If you are not present to receive or turn in a take-home quiz, then your score is a 0. There are no make-up quizzes. With each quiz, you may opt to turn in the homework assigned since the last quiz. Depending on the QUANTITY and QUALITY of what you turn in, I will add either 0, 1, 2, or 3 bonus points to your quiz grade. I will not grade homework that is not stapled.

**Attendance:** I expect you to attend all classes because it is impossible to make up class discussions and activities. Missing even one class is unacceptable, unless you have a very good reason. Please come to class on time. Attendance will be taken at 9:00 sharp.

**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+: 563 - 581  | C+: 498 - 516  | D+: 433 - 451  | F: less than 387 |
| A : 602 - 650  | B : 537 - 562  | C : 472 - 497  | D : 407 - 432  |                  |
| A- : 582 - 601 | B- : 517 - 536 | C- : 452 - 471 | D- : 387 - 406 |                  |

If your grade is borderline (eg. 536 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.