

## Fall 2009, Math 104-096

### Elementary Statistics

7:30–8:45 pm MW, Maybank 113

Instructor: Renling Jin, Office: 326 RSS

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Office Hour: 2:00–2:50 pm, MWF, or by appointment on Monday, Wednesday, and Friday

**Text:** Elementary Statistics, by M. Triola (11th edition).

**Course Description:** This course teaches Probability concepts, descriptive statistics, binomial and normal distributions, confidence intervals, and tests of hypotheses.

Prerequisite: MATH 101 or placement.

**Course Objectives:** The course develops the concept and methods of probability and statistics at an elementary level. It is designed to introduce students to a variety of topics and applications in elementary statistics. After completing the course, the students are expected to be able to master the general idea of statistics and to apply the idea to the real world problems. **A TI-83 or TI-84 calculator is required for this course.**

**Grading:** There will be two midterm tests (28% each) , a final exam (accumulative, 34%), and nine quizzes (10%, your lowest quiz grade will be dropped). Your letter grade will be assigned as follows:

93 – 100 A, 90 – 92 A-

87 – 89 B+, 83 – 86 B, 80 – 82 B-

77 – 79 C+, 73 – 76 C, 70 – 72 C-

67 – 69 D+, 63 – 66 D, 60 – 62 D-, below 60 F

Please note that NO extra work will be offered in order to lift one's grade and NO special consideration for an individual will be given for changing the weight distribution of the tests, quizzes, and final exam. In order to earn a good grade, one needs to study hard through entire semester.

#### Important dates:

- test 1: 09/28, test 2: 11/04
- final exam: 7:30 – 10:30 pm. Friday, December 11
- last day to drop with a grade of "W": 10/06
- first day of the class: 08/26, last day of the class 12/07
- holidays and breaks: 10/12, 11/25

**Homework and Quizzes:** Homework exercises will be assigned in every class. Homework will not be collected. But a fifteen to twenty-minute quiz based on homework exercises will be given on each of the following dates.

Q1: 09/02, Q2: 09/09, Q3: 09/16, Q4: 10/07, Q5: 10/19, Q6: 10/26

Q7: 11/16, Q8: 11/23, Q9: 12/02

**Additional help:** The Math Lab is located on the 1st floor of Addlestone Library and provides excellent tutorial services. A schedule of hours can be obtained in the lab or you may call 3-5635 for information. If you want to talk to the instructor beyond his scheduled office hour, please make an appointment with him.

**Attendance Policy:** Regular attendance is required and expected. A student should go to **the Office of the Associate Dean of Students, 67 George Street**

[http://www.cofc.edu/StudentAffairs/general\\_info/absence/](http://www.cofc.edu/StudentAffairs/general_info/absence/) to obtain official excuses for absences. If one must be absent without excuse, then he/she can use the allowance.

The number of unexcused absences in a student's allowance is calculated according to the following rules:

The whole semester is divided into three periods separated by two midterm tests.

1. During the first period: Anyone can have at most one unexcused absence.
2. During each of the next two periods:
  - If one's average test score from the tests before that period is 85% or above, then he/she can have at most one unexcused absences.
  - If one's average test score from the tests before that period is below 85%, then no unexcused absence is allowed.

The unused allowance can be carried over for later use. So one should save the allowance for future emergency. Unexcused absences beyond allowance could affect a student's final grade in the following way: At the end of semester, unexcused absences beyond the allowance will be counted and 1% for each of them could be deducted from one's final score.

**Make-up Tests and Quizzes:** Make-up quizzes will not be given without official documented excuse. One quiz with the lowest score will be dropped at the end of the semester. Make-up tests are only given under extraordinary circumstances. If you must miss a test, you should contact the instructor before the session right after the test as well as obtain a **documented** excuse from the Associate Dean of Students. You can leave a message with the Mathematics Department Secretary or send the instructor an e-mail message if he is not in his office. Requests for taking the final exam earlier than the scheduled time will not be granted.