Website: The website for Math 170/171 is: http://www.richland.edu/staff/amoshgi/math170

TEXT: ELEMENTARY STATISTICS, picturing the world, by Larson and Farber; Prentice Hall, third edition

Prerequisites:
The prerequisite for Math 170 is Math 160 (Finite Math) with a grade of at least a C.
The prerequisite for Math 171 is Math 116 (College Algebra) with a grade of at least a C.

Note: Students who want to take Math 171 without the prerequisite must contact the instructor to schedule a meeting. If it is difficult for the student to come to the campus, the meeting can be done via email.

Course Description:
Math 170/171 is a beginning level course for students in the business, social, or behavioral sciences or for anyone who can use a working knowledge of statistics. The course includes descriptive statistics, probability, probability distributions, confidence intervals, hypotheses testing on different parameters of a population, comparison of two populations on a single parameter, regression analysis, goodness of fit, contingency table, and ANOVA.

Grading Policy:
There will be 10 chapter tests, a midterm exam, a final exam, and 3 projects.
The chapter tests will make up 40% of the grade.
The midterm exam will make up 20% of the grade.
The final exam will make up 20% of the grade.
The projects will make up 20% of the grade.
**NOTE:** The midterm and the final exams must be taken at the Testing Center; Room W124. The questions on the midterm and the final exams are similar to the examples in my lectures and the examples in the text. I will give all the information a week before you take a test.

The chapter tests should be done at home on the computer. All the information to register is on: [http://www.richland.edu/staff/amoshgi/math170](http://www.richland.edu/staff/amoshgi/math170).

**HOMEWORK:** Homework assignments are optional. The homework assignments are assigned at the end or beginning of each chapter lecture.

**NOTE:** Students can use the homework assignments for extra credit.

The distribution of grades are as follows:

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<th>Grade</th>
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<tbody>
<tr>
<td>90 ≤ ave</td>
<td>A</td>
<td>80 ≤ ave &lt; 90</td>
<td>B</td>
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**REMARKS:**

- Students will need either a hand calculator (preferably TI 83) or any software.
- The successful completion of the course requires doing the exercise at the end of each section.
- The online courses are usually more demanding than the on-campus courses.
- Start today; the summer term is very short and the course requires a lot of your time.
- If (at any time) something is not clear or you are not sure about something, please let me know quickly.
- I appreciate any comments or suggestions throughout the semester.

**Tentative schedule for exams:**

Math 170/171-V1 Summer 2005--Tentative schedule--Instructor: Ali R. Moshgi

Midterm: 7/01

Final: 7/26 OR 7/27

**NOTE:** Try very hard not to get behind this schedule.

Have a great semester.