Text / Instructional Materials
*Mathematical Statistics with Applications*, 5th edition, Wackerly, Mendenhall, and Scheaffer

Activities
Tests: Three tests will be given. These tests will be 45-60 minutes long. Material from the most recently completed chapters will be emphasized. No make up tests will be given. For an excused absence those points will be transferred to the final exam.

Other: Class-work, Homework, Short tests: There will be numerous graded activities. Typically only a portion of each assignment will be marked. For example, in a homework assignment consisting of 20 problems, four or five will be marked. Be prepared to engage in work that will be collected during any class meeting. That means bring text, pencils, paper, etc. The lowest ten percent (at least two, possibly three) of these activities' grades will be dropped. Missing class on a day during which work is collected results in a grade of zero.

Exam: There will be a comprehensive final exam.

Grading

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percent</th>
<th>Grade</th>
<th>Percent / Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tests</td>
<td>60</td>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>Exam</td>
<td>25</td>
<td>B+</td>
<td>88-89</td>
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<tr>
<td>Other</td>
<td>15</td>
<td>B</td>
<td>80-87</td>
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<td></td>
<td></td>
<td>C+</td>
<td>78-79</td>
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<td></td>
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<td>C</td>
<td>70-77</td>
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<td></td>
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<td>D</td>
<td>60-69</td>
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Topics
Introduction to statistics
Probability
Discrete probability models
Continuous probability models
Functions of Random Variables
Sampling Distributions
Selected Topics in Estimation
Selected Topics Hypothesis testing

Rules
Those cheating, copying or committing other honor violations will be severely punished. There will be no make-ups for any work (except the final exam). Excused test points will be transferred to the final exam. The instructor will determine what constitutes an excused absence.

**Last day to withdraw**: October 20, 2000
Learning assistance and communication

- Students are strongly urged to come by the instructor’s office during office hours; or to call during office hours. Unless something very weird happens the instructor will be available during those times. The best strategy is to have attempted problems before coming by. However, general discussions of the course and other points of interest are welcome.
- Use email to pose questions or arrange appointments. Email will usually be responded to on the same day as it is sent — or sooner.
- Check the instructor’s web page frequently. Assignments and other items of interest will be posted there. Being aware of what is on the web page is your responsibility.
- Feel free to arrange meeting times outside the instructor’s office hours. Again, email is a good tool for this. Wednesday is a preferred day to hold these meetings.
- If there is general interest, a chat room in which students can communicate will be set up.
- Periodically, web based questionnaires will be administered to determine attitudes and elicit suggestions from students regarding the class.