Syllabus

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Office Hours: M W 5:00-5:50 p.m., F 9:00-10:00 a.m.
Lecture: M W F 10:20-12:10, C205 WH
Help Room: M W Th 9:00 – 12:00, 1:00 – 3:00 and 5:00 – 7:00
T F 9:00 – 12:00 and 1:00 – 3:00

Text: Johnson & Bhattacharyya, Statistics, Principles and Methods, 4th Edition. We cover chapters 1-9 and chapter 11.

Companion Manual: A manual with detailed answers to every odd numbered problem. The manual includes a diskette with data from various problems in the text and formatted for Minitab use.

Lecture: The lectures are used to present basic ideas. STT 200 is the first course in probability and statistics covering data analysis, probability models, random variables, estimation, tests of hypotheses, confidence intervals, simple linear regression. The course is taught at an elementary mathematical level (college algebra). The textbook will be followed fairly closely. The material may be divided into three units: 1) Descriptive Statistics, 2) Probability and 3) Statistical Inference.

Note: All exams and quizzes are “closed book” and “closed notes”. Formula sheets up to 2 pages are permitted. The exams and quizzes will contain questions concerning text material and problems, classroom examples and discussions. No make-ups are given without a valid excuse.

Quizzes: There will be four 30-minute quizzes designed to help prepare students for exams. Quiz dates are as follows:

- Quiz 1: Friday, July 15
- Quiz 2: Friday, July 22
- Quiz 3: Friday, August 5
- Quiz 4: Friday, August 12

Exams: There will be one 2-hour mid term exams and a 2-hour comprehensive final exam. Exam dates are as follows:

- Mid Term Exam: Friday, July 29
Final Exam:  Wednesday, August 17

Grades: Points are earned through one midterm examinations (100 point/two hour), final examination (100 points/2hours), and four quizzes (25 points each/30minutes). So the total number of points is 300. Your grade will be converted into a percentage and be determined by the following grading scale:

90-100%  4.0  
85-89%    3.5  
79-84%    3.0  
73-78%    2.5  
65-72%    2.0  
60-64%    1.5  
55-59%    1.0  
0-54%     0.0  

Important dates:

July 5               First day of Classes  
July 7               Close of Adds  
July 15              End of 100% refund  
July 28               Middle of the semester  
August 18           Last Day of Classes  

Suggested Problems: There are some exercises from the textbook that illustrate some of the ideas presented in class. Your solutions to these problems will not be collected or graded, but it’s better to do them.

Tentative Schedules

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<thead>
<tr>
<th>Week of</th>
<th>Section</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Friday</th>
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<tr>
<td>July 3</td>
<td>Ch.1/sec1-7, Ch.2/sec1-5</td>
<td>Closed</td>
<td>Lecture</td>
<td>Lecture</td>
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<td>July 10</td>
<td>Ch.4/sec1-5</td>
<td>Lecture</td>
<td>Lecture</td>
<td>Quiz 1</td>
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<td>July 17</td>
<td>Ch.5/sec1-7</td>
<td>Lecture</td>
<td>Lecture</td>
<td>Quiz 2</td>
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<td>July 24</td>
<td>Ch.6/sec1-5</td>
<td>Lecture</td>
<td>Review</td>
<td>Mid Term Exam</td>
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<td>Ch.7/sec 1-3</td>
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<td>July 31</td>
<td>Ch.8/sec1-5</td>
<td>Lecture</td>
<td>Lecture</td>
<td>Quiz 3</td>
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<td>Ch.9/sec1-5</td>
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<td>August 7</td>
<td>Ch3/sec1-6</td>
<td>Lecture</td>
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<td>Quiz 4</td>
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<td>Ch.11/sec1-4</td>
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<td>August 14</td>
<td>Ch11/sec5,7</td>
<td>Lecture</td>
<td>Review</td>
<td>Final Exam</td>
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The instructor reserves the right to make any changes she considers academically advisable. Changes will be announced in class. It is your responsibility to keep up with any changed policies.