Statistics 6801  
Statistical Theory I  
Autumn 2013

Instructor:  
Dr. Elly Kaizar  
221 Cockins Hall  
ekaizar@stat.osu.edu  
Office Hours: Wednesday 9:15-10:10am and by appointment  
(via email). I also encourage you to email me short questions.

Time/Place:  
Monday, Wednesday, and Friday 8:00 - 9:15am  
240 Cockins Hall

Course Website:  
http://carmen.osu.edu

Text:  
Statistical Inference, Casella and Berger, second edition.

Prerequisites:  
Graduate standing in Statistics or Biostatistics, or permission from instructor. Not open to students with credit for STAT 610.

Evaluation:  
Individual Homework 20%  
Exam 1 25%  
Exam 2 25%  
Final Exam 30%  

Grades are kept on Carmen.

Homework:  
All assignments are due by 12:00 noon on the date specified. NO late homework will be accepted. Instead, your lowest homework grade will be dropped from the final homework average.

While the main purpose of homework is to be sure you understand the concepts and practice the techniques, homework will also be graded. It is your job to make your homework easy to grade. Problems that are out of order or with parts not clearly identified may not receive full credit.

Homework you submit should be your own and should demonstrate your personal understanding of the problems, although I encourage you to work together in solving the problems. Feel free to ask me for help after you have made an attempt to solve the problems.
Exams: There will be three exams for this course. All are closed book and closed notes. You should bring a calculator to the exam, but no use of cell phones or other communication devices will be allowed. The exams are TENTATIVELY scheduled for:

- Exam 1 Friday, Sept. 27
- Exam 2 Wednesday, Oct. 30
- Final Exam Tuesday, Dec. 10

Schedule: The tentative schedule for the course is:

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<thead>
<tr>
<th>Week</th>
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<tbody>
<tr>
<td>1:</td>
<td>Aug 19 1.1-1.2</td>
<td>9:</td>
<td>Oct 14 4.6-4.7</td>
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<td>2:</td>
<td>Aug 26 1.3-1.6</td>
<td>10:</td>
<td>Oct 21 5.1-5.3</td>
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<td>3:</td>
<td>Sep 2 1.6-2.1</td>
<td>11:</td>
<td>Oct 28 4.1-5.2</td>
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<td>4:</td>
<td>Sep 9 2.2-3.2</td>
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<td>5:</td>
<td>Sep 16 2.4-3.2</td>
<td>13:</td>
<td>Nov 11 5.5-5.6</td>
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<td>6:</td>
<td>Sep 23 3.2-3.3</td>
<td>14:</td>
<td>Nov 18 5.6-6.3</td>
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<td>7:</td>
<td>Sep 30 3.4-3.5</td>
<td>15:</td>
<td>Nov 25 6.4</td>
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<td>8:</td>
<td>Oct 7 3.6-4.2</td>
<td>16:</td>
<td>Dec 2 Overview</td>
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Academic Integrity: Cheating, plagiarism and other forms of academic dishonesty will not be tolerated. Any violation will be prosecuted to the fullest extent as set out in University Rule 3335-31-02.

Disability Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office for Disability Services at 614-292-3307 in room 150 Pomerene Hall to coordinate reasonable accommodations for students with documented disabilities.

Disclaimer This syllabus should be taken as a fairly reliable guide for the course content. However, you cannot claim any rights from it and in particular I reserve the right to change due dates or the methods of assessment. Official announcements will ALWAYS be those made in class.