Introduction to Probability and Statistics
W3600, 4.0 pts, Fall, 2003

Prof. Steven Kou
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Office Hours: M 2pm-4pm
TA: S. Athanassoglou
TA Office Hours: TBA
Lectures: MW 11:00am-12:15pm
Recitations: TF 2:30pm-3:30pm, 301 Mudd

Prerequisites
Formally, only basic Calculus is required, but students who do not feel comfortable with summation of infinite series and integration (especially multivariate integrals) may find the going rough.

Approximate Schedule

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<th>Week</th>
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<td>1.</td>
<td>Sept 3</td>
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<td>2.</td>
<td>Sept 8, 10</td>
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<td>3.</td>
<td>Sept 15, 17</td>
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<td>4.</td>
<td>Sept 22, 24</td>
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<td>5.</td>
<td>Sept 29, Oct 1</td>
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<td>6.</td>
<td>Oct 6, 8</td>
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<td>7.</td>
<td>Oct 13, 15</td>
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<td>8.</td>
<td>Oct 20, 22</td>
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<td>Oct 27, 29</td>
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<td>10.</td>
<td>Nov 5</td>
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<td>11.</td>
<td>Nov 10, 12</td>
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<td>12.</td>
<td>Nov 17, 19</td>
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<td>13.</td>
<td>Nov 24, 26</td>
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<td>14.</td>
<td>Dec 1, 3</td>
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<td>15.</td>
<td>Dec 8</td>
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Course Requirements and Grades
The final grade will be generated from five components:
- Homework (10%)
- Class Attendance (10%)
- Midterm 1 (25%), Midterm 2 (25%)
- Final (30%)

1. Homework
   Homework assignments are not optional; some of the problems on the examinations may be taken from the homeworks. **No late homework will be accepted.** However, considering some unforeseeable difficulties, the lowest score of the homework assignments will be dropped.

2. Class Attendance
   Because of the short duration of the course, students are expected to attend every class meeting. The class attendance will affect the final grade. If a student miss more than three classes, he or she would be advised to drop the course.

3. Midterms
   There will be two in-class midterms, as shown on the class schedule. (If there is reason to change an exam date, you will have at least one week notice.)
   
   The midterms will be in class, closed book. Your (fully charged) calculator is the only outside material to be used during the examination.
   
   Crib sheets containing formulae will be prepared by the instructor and distributed during the exams, along with necessary statistical tables.
   
   Remarks. (1) The exams cannot be taken at any time other than the regularly scheduled time.
   
   (2) Bringing anything other than your calculator to the exams is consider to be academic
cheating, and will be reported to the appropriate authorities.

4. Final Examination
This will be a in-class, closed book examination, given under the same conditions as the Midterms. The final exam will not be given at any time other than the regularly scheduled time. The final will cover material from the entire course.

5. Calculator
Every student must have a calculator with charged batteries during exams. Calculators with log, exp, and trig functions can be purchased for less than $30.00. Programmable calculators are not allowed in the exams. The instructor and TA are not responsible for calculators in any exams.

6. Final Notes

- You are responsible for everything that transpires in class and for obtaining any written material that is distributed. Handouts contain important information. Make certain that you read them, understand them, and file them for future reference.

- In such a large class, everyone should be treated fairly and equally. Therefore, we do not give any special treatments to anyone unless the university regulations indicate that you are entitled to a special consideration; otherwise, it is unfair to the other students.

- Neither makeup examination nor alternative examination will be given, unless we get a written letter from the Office of the Dean of Students (i) saying that we have to give you an alternative or makeup examination, and (ii) citing in the letter the proper university regulations governing the case.