ECE 313: Probability with Engineering Applications. Fall 2002

General Information

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<th>Section</th>
<th>Meeting Time and Place</th>
<th>Instructor</th>
<th>Office Hours</th>
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<tr>
<td>C</td>
<td>10 MWF 106B1 Engineering Hall</td>
<td>Professor Bruce Hajek 105 CSL 333–3605</td>
<td>Tuesdays 3-4 p.m. in 326B Everitt Lab (phone 3-0387)</td>
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<td>E-mail: <a href="mailto:b-hajek@uiuc.edu">b-hajek@uiuc.edu</a></td>
<td>Fridays 3-4 pm 105 CSL</td>
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<td>Office Hours: at other times by appointment.</td>
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<td>D</td>
<td>11 MWF 170 Everitt Lab</td>
<td>Professor Seth Hutchinson 2017 Beckman Institute 244–5570</td>
<td>Mondays 3:00 p.m. – 5:00 p.m. in 2017 Beckman Lab and at other times by appointment.</td>
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Sections C and D will cover the same material in the same order at the same pace, and will have common homework and common exams. Both instructors welcome students from the other section to sit in on their lectures and to consult with them during their office hours or at other times.

Prerequisite: ECE 210 Also, a good understanding of the fundamentals of differential and integral calculus, functions of several variables, multiple integrals, etc. is assumed. On the other hand, we will not need vector calculus, gradients, Green’s theorem etc.

Teaching Assistant: Shao Liu (shaoliu@uiuc.edu)

TA Office Hours: 4 pm to 6 pm, Tuesdays in Room 325 Everitt Laboratory


Optional Reading:
- D. V. Sarwate, Probability with Engineering Applications, Lecture Notes for ECE 313, Fall 1997. (Available on the class web page)
- D. V. Sarwate, Probability with Engineering Applications, Powerpoint slides for ECE 313, Fall 2000. (Available on the class web page)

Books on reserve in Grainger Engineering Library:

Communications: The webpage for this semester is at
http://courses.ece.uiuc.edu/ece313/fall02

The moderated WebBoard at
http://webboard.cet.uiuc.edu/~ECE313_Hajek_Fa02

and the unmoderated newsgroup uiuc.class.ece313 are available for class-related discussions. Please remember that the WebBoard runs on a nonsecure server, and thus it is recommended that you not use the password associated with your NetID as your WebBoard password. Class information will be posted in both places from time to time. The main source of information about ECE 313 is the main home page for ECE 313 at
http://courses.ece.uiuc.edu/ece313/

Please read the ECE 313 FAQ at this site. You can also follow links from the main ECE 313 home page to the home pages for ECE 313 offerings during previous semesters. These old web pages contain a wealth of homework and exam materials that you may find useful in studying for the course during the semester.

E-mail addressed to an instructor or TA (rather than telephone calls) should be used for simple specific questions on classwork or homework, as well as for setting up appointments outside office hours, etc. If
the answer to your question might be of general interest to the class as well, post it to the WebBoard also, and it will be answered there. Note that the instructors and TA do not read the newsgroup on a regular basis, but do monitor the WebBoard.

**Homework:** Homework will be **assigned** on **Wednesdays**, and will be **due** in class on **Wednesday** of the following week **at the beginning of the class period**. Homework turned in late, or turned in in a section different from the one you are enrolled in, will not be accepted for academic credit. Solutions to the homework will be distributed in class on Fridays. Problem Sets and Solutions will also be posted to the class home page, usually a day before printed copies are distributed in class.

**Examinations:** Hour Exam I Monday October 7 7:00 p.m. – 8:00 p.m. 269 Everitt Lab  
Hour Exam II Monday November 11 7:00 p.m. – 8:00 p.m. 269 Everitt Lab  

*One 8½”×11” sheet of notes is permitted (you may use both sides);* with font size 10 or larger (or similar handwriting size) but the examinations are closed book otherwise. Calculators, laptop computers, tables of integrals, etc. are neither necessary nor permitted.

**Final Examination:** The date, time and place of the Final Examination will be announced later. **Two 8½”×11” sheets of notes are permitted on the final examination (you may use both sides);** but the examination is closed book otherwise. Calculators, laptop computers, tables of integrals, etc. are neither necessary nor permitted.

**Grades:** Scores on homework and examinations will be weighted as shown below in determining your grade in this course.

- 15% Homework
- 20% Each Hour Examination
- 45% Final Examination

Your lowest homework score will be dropped in computing your average homework score. For more information on the grading scheme, visit the class home page.

You can check your class standing via the Campus Gradebook. Gradebook clients are installed on most CCSO PCs and Macintoshes. Visit

http://www.uiuc.edu/ccso/gradebook

for more information about the Campus Gradebook or to download a Gradebook client application to your personal PC or Macintosh computer. Web browsers capable of secure communication can be used to view Gradebook information (subject to some delay and some loss of functionality.) More information can be found at https://gradebook.cso.uiuc.edu/SWA

**Academic Honesty:** The course policy for academic honesty is based on Rule 33 of the *Code of Policies and Regulations Applying to All Students*, which states: "It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions..."

We encourage you to discuss interpretations of problems and assignments with each other but we expect that you will construct and write up your own solutions to any assignment that you turn in for credit. If students are found to have collaborated excessively or to have blatantly cheated (e.g., by copying or sharing answers during an examination), all involved will at a minimum receive grades of 0 for the first infraction. Further infractions will result in failure in the course and/or recommendation for dismissal from the university.