

Fall 2014

Math 3160, section 03

Class meets in MSB 307, TuTh 12:30 - 1:45 pm.

Text: S. Ross, *A First Course in Probability*, 9th edition.

Instructor: W. R. Madych, MSB 228

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Off. Hours: W 12:10-1:10 pm, Th 1:50-2:50 pm, and by appointment.

Content: An introduction to the basic concepts of Probability Theory and their applications. The course will cover most, but not all, of chapters 1-8 in the textbook.

Tentative Schedule:

Tu., Sept 23: First midterm

Tu., Oct 28: Second midterm

Tu., Nov 18: Third Midterm

Th., Dec 11, 10:30 am-12:30 pm. Final exam over whole course.

Exams: As indicated above there will be three midterms and a final. At least one week notice will be given prior to each midterm if there are any changes in the schedule. In the case of snow/emergency dates, any midterm exam will automatically be moved to the next available class session. According to the registrar, the final exam is tentatively scheduled for Th., Dec 11, 10:30 am-12:30 pm.

All exams will be based directly on the material covered in class and related text material, examples, and exercises.

Bring your own pencils and, if necessary, calculators, rulers, etc. Paper will be provided. Each exam will include the following list of instructions:

Pencils, pens, erasers, rulers, and calculators are allowed. No books, notes, electronic devices other than calculators, etc. An important portion of the exam involves understanding the questions. No questions will be addressed during the exam except for those involving possible typos. N questions, n points each. For full credit, answers and all necessary rationale and work must be correct.

Guidelines: Lectures will be used (i) to introduce new concepts, including occasional derivations, (ii) to provide motivation and illustrate the basic techniques, and (iii) to work out selected exercises and examples,

In order to get the most out of the course one should try to keep up with the lecture material and work out the related exercises. At minimum, by the weekend one should have reviewed the lecture material, both notes and related textbook readings, and completed a significant portion of the suggested exercises for the week prior.

A good self measure of your grasp of the material can be based on quantity

and quality of worked out exercises. Worked out exercises will not be collected.

Working together, whenever possible, is encouraged - discussing and interpreting the lecture and the related textbook material, going over the examples, and working on the suggested exercises. Talking about the course material is a great way to learn.

Homework and quizzes: Textbook exercises will be assigned as homework during every class period but, time permitting, you should do as many relevant exercises, assigned or not, as necessary to grasp the material. On seven or eight randomly chosen Tuesdays there will be a quiz consisting of no more than two or three exercises based on the previous week's work and assignments. The quizzes are not 'open book'. One of the objectives of such quizzes is to encourage you to "catch up", if necessary, over the weekend.

There will be no "make-ups" for missed quizzes.

Grading: Final letter course grades will be determined by one of two methods, whichever results in the higher total score:

- (a) quizzes (10%), three midterm exams scores (20% each), one final exam (30%), and
- (b) two highest midterm exams scores (30% each), one final exam (40%)

Percentage of total points required for given grade:

	86-89 B+	74-77 C+	63-65 D+	0-56 F
94-100 A	82-85 B	70-73 C	60-62 D	
90-93 A-	78-81 B-	66-69 C-	57-59 D-	

Academic Integrity A fundamental tenet of all educational institutions is academic honesty; academic work depends upon respect for and acknowledgement of the research and ideas of others. Misrepresenting someone else's work as one's own is a serious offense in any academic setting and it will not be condoned.

Academic misconduct includes, but is not limited to, providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for academic evaluation (e.g. papers, projects, and examinations); any attempt to influence improperly (e.g. bribery, threats) any member of the faculty, staff, or administration of the University in any matter pertaining to academics or research; presenting, as one's own, the ideas or words of another for academic evaluation; doing unauthorized academic work for which another person will receive credit or be evaluated; and presenting the same or substantially the same papers or projects in two or more courses without the explicit permission of the instructors involved.

A student who knowingly assists another student in committing an act of academic misconduct shall be equally accountable for the violation, and shall be subject to the sanctions and other remedies described in The Student Code.

Students with Disabilities The Center for Students with Disabilities (CSD) at UConn provides accommodations and services for qualified students with disabilities. If you have a documented disability for which you wish to request academic accommodations and have not contacted the CSD, please do so as soon as possible. The CSD is located in Wilbur Cross, Room 204 and can be reached at (860) 486-2020 or at csd@uconn.edu. Detailed information regarding the accommodations process is also available on their website at www.csd.uconn.edu.