

**MATH 362 - Introduction to Probability Theory**  
**MWF: 9:00 am-10:00 am**  
**Fall 2013**

**Instructor: Grethe Hystad**

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**Office Hours: My schedule of office hours is posted on D2L.**

**Text:** Introduction to Probability and Its Applications, 3rd edition, R. L. Scheaffer and L. J. Young.

**Attendance:** Students are expected to attend every scheduled class and to be familiar with the University Class Attendance policy as it appears in the General Catalog. It is the student's responsibility to keep informed of any announcements, syllabus adjustments or policy changes made during scheduled classes. Students who miss the first two class meeting will be administratively dropped unless they have made other arrangements. In addition, students with more than 3 unexcused absences may be administratively dropped from the course. Students are expected to behave in accordance with the Student Code of Conduct and the Code of Academic Integrity. The guiding principle of academic integrity is that a student's submitted work must be the student's own. University policies can be found at <http://deanofstudents.arizona.edu/policiesandcodes>.

**Academic Integrity:**

Students are responsible to inform themselves of University policies regarding the Code of Academic Integrity. Students found to be in violation of the Code are subject to penalties ranging from a loss of credit for work involved to a grade of E in the course, and risk possible suspension or probation. The Code of Academic Integrity will be enforced in all areas of the course, including, but not limited to, tests and online assignments. Any academic integrity infractions could result in failing the course. For more information about the Code of Academic Integrity policies and procedures, including information about your rights and responsibilities as a student, see <http://deanofstudents.arizona.edu/codeofacademicintegrity>.

**Classroom Conduct:**

Students at The University of Arizona are expected to conform to the standards of conduct established in the Student Code of Conduct. Prohibited conduct includes:

1. All forms of student academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, and plagiarism.
2. Interfering with University or University-sponsored activities, including but not limited to classroom related activities, studying, teaching, research, intellectual or creative endeavor, administration, service or the provision of communication, computing or emergency services.
3. Endangering, threatening, or causing physical harm to any member of the University community or to oneself or causing reasonable apprehension of such harm.

4. Engaging in harassment or unlawful discriminatory activities on the basis of age, ethnicity, gender, handicapping condition, national origin, race, religion, sexual orientation, or veteran status, or violating University rules governing harassment or discrimination.

Students found to be in violation of the Code are subject to disciplinary action. For more information about the Student Code of Conduct, including a complete list of prohibited conduct, see the following website:

<http://deanofstudents.arizona.edu/policiesandcodes/studentcodeofconduct>

The discussion boards on D2L are university property, and all rules set by the Student Code of Conduct (and rules of polite society) still apply. Posting entries inappropriate to the class will result in a violation of the Student Code of Conduct.

Students should turn off all electronic devices during class unless the device is deemed necessary for the class by the instructor. This includes, but is not limited to cell phones, mp3 players, PDAs, and computers. If you have a disability-related accommodation that involves the use of a computer during class, please discuss this with your instructor in advance.

**Homework:** Homework will be assigned throughout the semester. Hand-written homework showing all work with proper notation will be submitted. These problems will come from the text and/or from a set of problems. Homework which involves the use of the statistical software R will also be assigned. R is an open software development project. You can find R at <http://www.r-project.org/> and you can freely download compiled binaries for Windows, OS X, or Linux. The homework will count 25 % of your grade.

The homework will be due at the beginning of class and selected problems will be graded for accuracy and not effort. Late homework will not be accepted for any reason. Instead I will drop at least one score at the end of the semester.

- I expect the homework to be stapled, readable and organized. No fuzzy edges.
- Each problem should be numbered and ordered.
- Show all your work. Correct answers which are not accompanied by your work will be worth zero points.
- Include your name on every page.

**In-Class Exams:** The three in-class exams are scheduled for **Wednesday, September 25; Friday, October 25; and Wednesday, December 4**. Any changes to the exam dates will be announced in advance. Each exam will count 15 % of your grade. All electronic devices, particularly cell phones, must be turned off during all exams. Any questions regarding the grading of exams need to be cleared up within one week after the exam has been returned.

**Missed Exam Policy:** Unless there are extenuating circumstances, a missed midterm examination or a missed final examination will result in a score of zero for that work. The instructor must be notified prior to the next class for a make-up to be considered, and the student must have a documented excuse. Any make-up exam is at the discretion of the instructor and the final exam may be used in place of a make-up. University policy will be followed regarding final exams.

**Final Exam:** The final exam is scheduled for **Tuesday, December 17 from 8:00 am-10:00 am.** The University's Exam regulations will be strictly followed (see <http://www.registrar.arizona.edu/schedule111/exams/examrules.htm>). The final exam will count 30 % of your grade.

**Calculators:** Students are expected to have a working calculator for each exam. No calculator swapping is permitted during exams.

**Grades:** The cutoffs of 90%, 80%, 70%, and 60% for A, B, C, and D are guaranteed.

**Students with disabilities:**

If you anticipate issues related to the format or requirements of this course, please meet with your instructor to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you register with Disability Resources (621-3268; [drc.arizona.edu](http://drc.arizona.edu)) and notify your instructor of your eligibility for reasonable accommodations by Friday, September 6. You will then be able to work with your instructor to plan how best to coordinate your accommodations.

**Withdrawal:**

A student may withdraw from the course with a deletion from record through September 22, 2013, using UAccess. A student may withdraw with a grade of "W" through October 18, 2013, using a change of schedule form with your instructor's signature.

**Incompletes:**

A grade of Incomplete will be given only at the instructor's discretion, according to University Policy as described at <http://www.registrar.arizona.edu/gradepolicy/incomplete.htm>

**Computing Resources:** Information about using computers on campus, setting up a UA email account, and computer support can be found at <http://www.oscr.arizona.edu>. A list and map of open access computing facilities on campus can be found at <http://www.oscr.arizona.edu/maps>.