

MATH 3338, PROBABILITY, FALL 2015

**Contact Details:** Dr. Vaughn Climenhaga

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**Course times:**

- *Lectures:* MWF 12:00–12:50pm, CBB 104
- *Office hours:* Monday 9–9:50am, Wednesday 1:30–2:30pm

**Prerequisites:** Math 1432 (Calculus II).

**Textbook:** “Introduction to Probability and Its Applications”, third edition, by Richard L. Scheaffer and Linda J. Young.

**Course Description:** Sample spaces, events, and probabilities; random variables and distributions, expectations, variances and covariances; basic discrete and continuous distributions; and the central limit theorem.

**Grading:**

Homework	30%	Due Fridays at the start of class
Test #1	20%	Friday, September 25 (in class)
Test #2	20%	Wednesday, October 21 (in class)
Final exam	30%	Friday, December 11, 11am–2pm (CBB 104)

**Attendance and homework:** You are expected to attend every lecture, and are strongly encouraged to participate by asking questions when something I say is not clear to you. I may cover some material in lectures that does not appear in the textbook, and the tests and exams will draw on all material covered in lectures and homework.

There will be weekly homework assignments, due at the beginning of class each Friday (with the exception of the two test weeks). Your lowest homework score will be dropped.

- **Late homeworks will not be accepted.**

**Tests and exams:** The two tests will take place during the regularly scheduled lecture time in the regular classroom; dates for these tests will be announced early in the semester and posted to the course website. The final exam will take place in the regular classroom during the university-scheduled final exam time slot. All tests and exams are closed-book, closed-notes, and no calculators are permitted. *If you miss a test or exam, you will receive a score of zero, and no make-up work will be given.* Exceptions may be made in the case of extreme circumstances, which must be documented. If such circumstances force you to miss a test or exam, you must contact me as soon as possible (*before* the test/exam if at all possible) to notify me of the situation, provide me with documentation, and make alternate arrangements.

**Academic honesty and dishonesty:** You are expected to follow the Academic Honesty Policy in the Student Handbook. In particular, the following are expected in this course.

- You are permitted and encouraged to work collaboratively with your classmates on homework assignments to discover and understand solutions – working together and teaching each other is one of the best ways to fully learn the material. However, the final write-up of the solutions must be in your own words.
- Academic dishonesty on exams includes but is not limited to copying work and using prohibited materials such as notes, calculators, or cell phones. Cheating on tests or exams will result in disciplinary action both in this course and at the department and college levels.

**Special needs:** If you have a disability or condition that requires special accomodation, please see me as soon as possible to discuss what steps may be taken.

**Modifications:** Your instructor reserves the right to modify the syllabus during the semester as necessary; if this happens, any modifications will be announced in class and posted on the course website.