Introduction to Probability & Statistics I
CRN 66343      STAT-243-003
Time: Tuesday Thursday 4:40-6:30        Spring 2016
Location: Science Research and Teaching Center, room SRTC 155

Instructor: Scott Woods      Email: scowoods@pdx.edu      Contact: email preferred
Website: http://scott-woods

Office Hours: Tuesdays & Thursdays 3:00-4:00 pm (before class), or by appointment. My office is in Neuberger Hall, 3rd floor, room 354A (inside room 354). I am also available in the tutoring center, NH 96, on Tuesdays from 6:45-7:45 pm.

Book: openstax Introductory Statistics. This is a free download directly from the openstax College website: https://openstaxcollege.org/textbooks/introductory-statistics. You can also order a printed copy of the book for about $35 from Amazon.

Grading: Final grades will be assigned with the following weights:

- Quizzes: 30%
- Labs: 10%
- Worksheets: 10%
- Midterm: 25%
- Final Exam: 25%

Attendance: Your attendance in class is crucial to your success in STAT-243. A portion of every class is devoted exclusively to answering your questions and making progress on difficult areas of the course for you and your classmates. Please come to every class ready to practice and ask any questions you may have about homework assignments or lecture. Final grades have a direct correlation to the attendance rates in class, so make an effort to come to every class.

Homework: At the end of each week, I will provide some suggested problems related to the material we've covered over the week. These assignments will not be turned in, but if you can do all of the assigned problems, you will be successful during the quizzes and exams. With that in mind, I will start every lecture asking for questions about the previous week's homework. Again, even though these assignments are not graded, it is important for you to do them in order to solidify your understanding and identify any confusion that you may have about the material or its applications.

Quizzes: We will have weekly quizzes during the last 30 minutes of lecture, starting on the second week of class. They will cover the previous week's lecture and homework, so be sure to ask at the beginning of class each week if you have any questions about that material. I will only count the best 5 quiz scores in computing your final grade, out of a minimum of 6 total quizzes. For this reason, there will be no make-up quizzes unless there are at least two excused absences from the quiz days.
Labs: You will be responsible for completing some computer-assisted probability and statistics labs using SPSS at various points through the term. You must complete them using SPSS specifically. Current versions of SPSS are installed on all of the computers in the computer lab in NH 96, so you do not need to purchase your own copy of the software to complete this course. You are encouraged to complete these lab assignments together in groups, but you must turn in your own work, written in your own words.

Exam Policy: You will be allowed to use the following items during your quizzes and exams: a graphing calculator with advanced statistical functions, and one 8.5 x 11 inch sheet of notes (you may use both sides). All other electronic devices are not permitted during the quizzes or exams. The midterm is tentatively scheduled for Thursday, April 28, and the final exam will be on Tuesday, June 7, from 5:30 pm - 7:20 pm (note this is not at our usual scheduled time). If you must miss an exam or quiz, please notify me ahead of time so that alternative arrangements can be made.

Calculator: The ability to use the statistical functions of a graphing calculator is of great benefit in this class, and even more so in STAT-244. Although it is not strictly required for the class, you will be at a significant disadvantage if you must use tables and hand calculations. I will be demonstrating calculations using the TI-84 in class, although I am comfortable helping anyone with the TI-83, TI-84, TI-86, or TI-89. Rachel Webb has posted instructions for using the TI-83, TI-84, and TI-89 at her website, broken down by the chapters in our book. The instructions can be found here: http://web.pdx.edu/~webbr/ (click the calculator).

Email Policy: I only ask a few things of my students in their written communication with me: 1. I cannot be expected to answer every email within an hour of receiving it. Do not wait until the last minute to email me, and please be patient in awaiting my response. 2. Please use subject lines so that I can better keep track of messages. 3. Please check your spelling and grammar before sending. Poorly written emails are answered last.

Accommodations: If you have a disability and are in need of academic accommodations, please register with the Disability Resource Center, located in Smith Memorial Student Union 116, and notify me. Phone: (503)725-4150  TTY: (503)725-6504  email: drc@pdx.edu

Grading Scale:

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<th>Grade</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D+</th>
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I reserve the right to adjust the grading scale to more accurately represent class performance. I may lower the threshold for grades, but I will not raise them.