

STAT 451/551: Applied Statistics for Engineers and Scientists I
CRN 81301/81304, 4 credits, Summer 2014, M W 18:00-20:20 at NH 364
Portland State University

Instructor: Pablo Baldivieso
Email: pablo@pdx.edu
Office: NH M318
Office Hours: M W 17:30-18:00 or by appointment
Phone: 503-725-3621 (Math Dept)

Textbook: Probability and Statistics for Engineering and the Sciences, 8th Edition, by Jay L. Devore.

Prerequisites: The prerequisite is MTH 252 or equivalent.

Tests: There will be one test and a comprehensive final exam. The textbook, and notes are not allowed.

Final Exam: The final exam will be held on Wednesday, August 13, 2014 from 18:00 to 20:20.

Homework: Homework is due at the end of class Wednesdays. Late homework or assignments will not be accepted.

Makeup Policy: Missed tests may not be made up unless the instructor is notified in advance and alternative arrangements are made. If you are allowed a make-up exam, you **must** take the make-up within one week of the original exam date; no exceptions.

Statistical Software: Homework and assignments can be done using any statistical software. R is recommended but others such Minitab, SAS, SPSS, MATLAB, Excel are okay. The Math computer Lab is located at NH 96. For lab hours information, see the URL www.pdx.edu/math/resources.

Computer Labs: Three assignments will require R, (or any statistical software). R is free to download and is also widely available on campus.

Extra Help: I highly recommend working with someone else in class, and/or forming study groups. If you are having trouble with material, please come see me during my office hours, or schedule another time to meet with me. Tutors will be available in the Learning Center located on the second floor of the library.

Accommodations: If you have a learning or physical disability which interferes with you taking this course, please contact the PSU Disability Services at 503-725-4150. They will determine how the course is to be adjusted for your individual needs.

Cheating: *Do not cheat!* Cheating on a test will result in a zero score and possibly additional disciplinary action. For more information about disciplinary actions, please read the Code of Student Conduct.

Attendance: It is expected that you attend every class; however, I do not grade on attendance. If you do miss class for any reason, contact a classmate, as you will be responsible for knowing all material covered.

Course Grade: Your grade is distributed as follows.

Activity		Total Value
Homework	(6)	20%
labs	(3)	10%
Midterm	(1)	35%
Final Exam	(1)	35%

- A 90% or better
- B 80%
- C 70%
- D 60%
- F less than 60%

Important dates*:

Midterm: Monday, July 14, 2014.

Final Exam: Wednesday, August 13, 2014.

*This schedule may change depending on class progress.