

STAT244.003 Introduction to Probability and Statistics II

CRN: 43691

Term: Winter 2017

Text(optional): Elementary Statistics: A Step by Step Approach, 9th custom edition, Allan Blumen
ISBN: 9781260145861. (PSU custom 8/e with Connect)
Connect provides on-line course resources, practice problems and solutions, and ebook.
Connect has been setup for this course but will not be a required component of the course.

Text (optional): Introductory Statistics by OpenStax,
free at <https://www.openstax.org/details/introductory-statistics>

Calculator: A calculator is required for this course; the TI-84 is optimal.

Contact Information and Office Hours:

Instructor: Andy Flight

Office: NH M317

Office Hours: M 11:30 - 12:30, 2:00-3:00; F 11:30 - 12:30.

E-mail: flight@pdx.edu.

Midterm We will have two midterm exams.

Exams: **Exam 1: Wednesday, February 1st ; Exam 2: Wednesday, March 1st .**

You may bring one one-sided 8.5" x 11" page of notes.

It can be either handwritten or typed, however it must be your own original creation.

What this implies is: it cannot photocopied directly out of a book or downloaded directly from a website. (unless ADA requirements differ).

Remember to bring your calculator!

Final Exam: **Monday, March 20th 8:00 – 9:50.**

The final exam is cumulative.

You may bring two one-sided 8.5" x 11" page of notes (guidelines above).

Remember to bring your calculator!

Weekly Quizzes: Most weeks we will have a short quiz. (We won't have a quiz during the first and last weeks of the quarter and not during midterm exam weeks.) Quizzes will be held during the last 20 minutes or so of class on Wednesdays. Quizzes are short, typically taking about 15 minutes to complete. They will be based on new material covered during the previous week.

You may bring one one-sided page of notes (guidelines above) and, of course, your calculator.

Suggested homework and in-class examples will likely provide your best preparation for quizzes. As a general rule, makeup's are not provided unless there is sufficient and verifiable reason to do so.

We will have a total of six quizzes, your lowest quiz score will be dropped.

Software: We will be using the statistical software package SPSS which is a statistical software package popular among the social sciences.

This software is available in many computer labs around campus including NH 096 which is the Mathematics/Statistics computer lab. You do not need to, nor are you encouraged, to purchase this software; you are encouraged to work in computer labs around campus.

Lab Assignments: We will have 4 lab assignments. Most of these assignments will use SPSS, a couple may be traditional hand-written homework assignments. Labs are to be handed in (not emailed).

You are encouraged to work in groups. However, even if you do work in a group each group member **must** submit his/her own copy. Grades will be based on the logic, clarity, and completeness of your work.

Late Homework/Labs though accepted will be subject to a 20% deduction for each class period the assignment is late.

Suggested Homework: Each class period several textbook problems will be assigned from Elementary Statistics: A Step by Step Approach, Allan Blumen. Although suggested homework is not collected, it is an integral part of this course and will form the basis of lab, quiz, and exam questions. We will start each class with an open forum to go over any homework questions we might have. Upon request detailed solutions to specific problems will be posted on line.

Open Tutorial Sessions:

Teaching Assistant: Jess Millar

Office: NH 354B Office Hours: TBA.

E-mail: jmillar@pdx.edu

Open, free tutorial sessions will be provided for this section of STAT244. They will be held on Monday from 4:00- 6:00 in NH096.

Jess Millar, our Teaching Assistant, will run these tutor sessions.

Tutor sessions are available so that you can work on and ask questions about homework problems. It will be your primary resource for help on our lab assignments and using SPSS.

D2L: The D2L calendar will be used to post daily topics covered and suggested homework problems. Lab Assignments will be posted under Course Content. Grades will be posted in the D2L gradebook.

Additional Support resources:

The Learning Center, located on the 2nd Floor in the PSU Library offers tutoring and support for students in a variety of courses, including STAT243 and STAT244.

Grading: Final grades will be weighted as follows:
10% Lab Assignments,
25% Quizzes,
20% each of two midterm exams,
25% final exam.

Your letter grade will be determined based on the weighted average of your scores.
Points will be distributed as follows:

Letter grades based on total accumulated points:

| | | | |
|----|---------------|----|---------------|
| A | 92.0%+ | C+ | 78.0% - 79.9% |
| A- | 90.0% - 91.9% | C | 72.0% - 77.9% |
| B+ | 88.0% - 89.9% | C- | 68.0% - 71.9% |
| B | 82.0% - 87.9% | D | 60.0% - 67.9% |
| B- | 80.0% - 81.9% | F | less than 60% |

Disability Resources:

Any student with a disability should register with the Disability Resource Center (www.drc.pdx.edu/) and contact me immediately to facilitate academic accommodations. All discussions will remain confidential.

Title IX Reporting Responsibilities:

As an instructor, one of my responsibilities is to help create a safe learning environment for my students and for the campus as a whole. Please be aware that as a faculty member, I have the responsibility to report any instances of sexual harassment, sexual violence and/or other forms of prohibited discrimination. If you would rather share information about sexual harassment, sexual violence or discrimination to a confidential employee who does not have this reporting responsibility, you can find a list of those individuals (www.pdx.edu/sexual-assault/get-help). For more information about Title IX please complete the required student module "Creating a Safe Campus" in your D2L.

Academic Integrity:

By turning in an examination, paper, assignment, or in providing discussion board contributions, you (the student) certify that the work was produced without plagiarism or other forms of academic dishonesty. For details and university policy regarding such discretions refer to the University Bulletin and be aware that students who are discovered engaging in such conduct will, at a minimum, receive no credit on the assignment for which the conduct was related. More formal proceedings may also be initiated at the discretion of the instructor. Questions regarding this policy may be addressed to the instructor or to the Office of Student Affairs (503-725-4422).
