

STAT243.005 Introduction to Probability and Statistics I

CRN: 15592

Term: Fall 2016

Text: [Introductory Statistics](https://www.openstax.org/details/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: Mon 10:30 - 11:20; Fri. 9:30 - 11:20.
E-mail: flight@pdx.edu.

Teaching Assistant: Jess Millar
Office: NH 354B Office Hours: TBA.
E-mail: jmillar@pdx.edu

Midterm Exams: We will have two midterm exams.
Exam 1: Wednesday, October 19th; Exam 2: Wednesday, November 16th.
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 be photocopied directly out of a book or downloaded directly from a website. (unless ADA requirements differ).
Remember to bring your calculator!

Final Exam: **Monday, December 5th 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 will be accepted however there will be a 20% deduction for each class period the assignment is late.

Suggested Homework: Each class period several textbook problems will be assigned. 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.

In addition to suggested textbook questions, you also have access to a free on-line homework System which has been set up in myopenmath. More information about myopenmath will be provided in class.

Open Tutorial Sessions:

Open, free tutorial sessions will be provided for this section of STAT243. They will be held on Monday from 10:15 - 12:05 and on Thursday 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.

These tutoring sessions have been created for your support but are not required. To encourage you to take advantage of these sessions each week Jess will have a worksheet for you and your classmates to work through. Satisfactory completion of the worksheet will be awarded by ½ point of extra credit added to your final overall average at the end of the quarter. Since we have a 10 week quarter, it is conceivable that you could increase your final average in this course by as much as 5%! This is a huge amount but can only be realized by attending tutorial sessions on a routine basis. Note: These worksheets will only be available at the tutorial sessions.

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%

Academic Accommodations and Disability Services:

PSU values diversity and inclusion; we are committed to fostering mutual respect and full participation for all students. My goal is to create a learning environment that is equitable, useable, inclusive, and welcoming. If any aspects of instruction or course design result in barriers to your inclusion or learning, please notify me. The Disability Resource Center (DRC) provides reasonable accommodations for students who encounter barriers in the learning environment. If you have, or think you may have, a disability that may affect your work in this class and feel you need accommodations, contact the Disability Resource Center to schedule an appointment and initiate a conversation about reasonable accommodations. The DRC is located in 116 Smith Memorial Student Union, 503-725-4150, drc@pdx.edu, <http://www.pdx.edu/drc>.

- If you already have accommodations, please contact me to make sure that I have received a faculty notification letter and discuss your accommodations.
- Students who need accommodations for tests and quizzes are expected to schedule their tests to overlap with the time the class is taking the test.
- Please be aware that the accessible tables or chairs in the room should remain available for students who find that standard classroom seating is not useable.
- For information about emergency preparedness, please go to the [Fire and Life Safety webpage](http://www.pdx.edu/environmental-health-safety/fire-and-life-safety) (<http://www.pdx.edu/environmental-health-safety/fire-and-life-safety>) for information.

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).
