

STAT 270

Overview and Intro

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Fall 2015



Purposes of These Notes

- Outline the contents of this course
- Establish the grading structure
- Outline expectations
- Discuss coverage in text



- Richard Lockhart.
- lockhart@sfu.ca.
- <http://www.stat.sfu.ca/~lockhart>.
- K10561.
- Office hours: Monday 1:30 to 2:30, Wednesday 11:30 to 12:30.
- You are free to drop in whenever I am there with the door open. I will be on campus Monday, Wednesday, and Friday and sometime Tuesday and Thursday.



The Text

- *Introduction to Probability and Statistics*, 2nd ed., by Tim Swartz.
Publisher: Pearson.
- **Coverage:** The whole thing.
- Notice the exercises.
- Tim has provided a list of **errata** (typos).



Assignments

- None. I will try to supply links to relevant problems on other people's web sites.
- But I expect you to do as many of the problems in the text as you can in order to learn the material.



Grading

- There are 4 midterms worth 12% each.
- The final is worth 52%.
- There may be tutoring services offering access to old exams but since I have only taught the course once those exams will be only useful as review. The final I gave will be posted.
- If you miss a midterm and provide a valid medical note ([Link to required form](#)) then I will replace the missed exam with the rest of the exams in the course. Without the valid medical note you will get a 0 on the paper.



The web

- **Web:** I intend to put lecture notes on the web in advance.
- In class I will often write on the document camera and sometimes show slides.
- I DO NOT USE CANVAS. My web site is <http://www.stat.sfu.ca/~lockhart>.
- A direct link to this course is [here](#).
- I expect you to read the text and any notes I put on the web.
- You should feel free to look at other courses I have offered over the years.
- Computing: statistics is fundamentally computational and I will demonstrate techniques in R.



Getting Help

- Office hours Monday 1:30-2:30 PM; Wed 11:30-12:30.
- TAs in the Statistics Workshop in the Stat & Act Sci department.
- Workshop is open long hours and TAs know STAT 270 material well.
- Please don't e-mail me to ask what I did in class; come to class instead.
- I will sometimes be slow to answer.



Detailed Course Outline

- I do not yet have any travel plans for the fall semester but there is a chance that something will come up.
- Introduction: September 9.
- Dotplot, histogram, bar graph, stem-leaf plot, box plot, scatterplot. September 9.
- Descriptive statistics: mean, median, mode, standard deviation, correlation coefficient. September 9.

