

STAT 102, Introduction to Business Statistics, Fall 2019 Syllabus

- Class Info: All three sections meet on Tuesday/Thursdays in 350 SHDH:
Section 001: 10:30 - 12:00
Section 002: 1:30 - 3:00
Section 003: 3:00 - 4:30
- Prerequisite: Stat 101
- People: Instructor: Kam Hamidieh, hkam@wharton.upenn.edu, JMHH 447, 215-898-9477
TA: Matteo Sordello, sordello@wharton.upenn.edu
TA: Hua Wang, wanghua@wharton.upenn.edu
- Office Hours: Kam: Wednesdays, 3:00 – 6:00 PM in JMHH F96 or by appointment.
Hua: Mondays, 3:00 – 5:00 PM in JMHH F96
Matteo: Mondays, 5:00 – 7:00 PM in F86 JMHH
- Text: Statistics for Business, Decision Making and Analysis by Stine and Foster, 3rd edition.
We hope you kept your book from Stat 101. Otherwise, you may consider purchasing the digital version (ISBN-13: 978-0-13-450671-5) which is substantially less expensive than the hardback:
<http://www.mypearsonstore.com/bookstore/statistics-for-business-decision-making-and-analysis-9780134497167>
Do **not** get the MyLab Statistics version.
We have 2 copies of the 3rd edition on reserve at the Lippincott Library Service Desk. You can borrow it for 3-hour time slots.
- Software: Working with real data, utilizing software and interpreting the output will be a major part of this course. We will use JMP 14; the instructions to obtain a free version are posted on the course website.
You should create a Wharton class account if you are a non-Wharton student but like to use the public computers: <https://apps.wharton.upenn.edu/iam/accountcreator/>
- Course Site: <https://canvas.upenn.edu/courses/1468415> (You will need to log in.)
- Description: We will cover Chapters 19-27 of the book but not necessarily in the same order or manner. The three major topics in this course are: multiple regression, logistic regression, and time series analysis. We will start with simple regression model but devote most of our time to learning multiple regression and logistic regression which are the workhorses of statistical modeling. The material on logistic regression and some time series topics will come from my slides; additional notes may be posted. We will review some Stat 101 topics in class or by assigned reading. Time permitting, we may cover some advanced topics on data mining and predictive analytics.

Grading:

- Grade Components:
 - 10% Participation: These are the easy points! Just be present, engage in class activities, be respectful, be professional, and do not disrupt anyone.
 - 15% Homework: You'll have around 10 homework assignments. I will drop your lowest homework grade. You may discuss the problems with your classmates but you must write up your own answers and submit individually. You should not simply copy and submit someone else's work; this is cheating. You will submit your homework electronically through Canvas.
 - 20% Exam 1: Thursday, October 3, 2019, in class.
 - 20% Exam 2: Thursday, November 14, 2019, in class
 - 35% Final Exam: Wednesday, December 18, 6-8 pm, Location TBD
- Letter grade assignment:
 - A+/A/A- if $90 \leq \text{Grade} \leq 100$,
 - B+/B/B- if $80 \leq \text{Grade} < 90$,
 - C+/C/C- if $70 \leq \text{Grade} < 80$.The rest is bad. There may be a curve after the final exam.
You will not be curved down.
- There will be no make-ups, extensions, or extra credit opportunities under any circumstances.
- You will not be excused from an exam due to a conflict with a job interview or other personal events.
- Your grade will be lowered by *at least* 2 letter grades for *any* kind of cheating.

Important Stuff:

- Please be considerate and respectful towards your fellow classmates.
- Any student with documented disability is requested to see me within the first two weeks of class.
- Important dates: <https://almanac.upenn.edu/penn-academic-calendar#row-25>