

## STAT 101, Introduction to Business Statistics, Summer 2020 (Preliminary) Syllabus

**Class Info:** The lectures will be conducted online from July 2 to August 7, Mondays & Wednesdays 6:40 PM – 10:00 PM Philadelphia time.

**Prerequisite:** MATH 104 or MATH 110 or equivalent is recommended.

**People:** Instructor: Kam Hamidieh, [hkam@wharton.upenn.edu](mailto:hkam@wharton.upenn.edu), 215-898-9477

**Office Hours:** Kam: TBD  
TA: TBD

**Text:** The textbook for the course is Statistics for Business, Decision Making and Analysis by Stine and Foster, 3rd edition. You may consider purchasing the digital version which is substantially less expensive than the hardback:  
<https://www.pearson.com/store/p/statistics-for-business-decision-making-and-analysis/P100002245171/9780134506715>

**Software:** We will use JMP. You can download a 30-day free trial version here:  
[https://www.jmp.com/en\\_us/download-jmp-free-trial.html](https://www.jmp.com/en_us/download-jmp-free-trial.html)

**Course Site:** [canvas.upenn.edu](https://canvas.upenn.edu)

**Description:** Data summaries and descriptive statistics; introduction to a statistical computer package; Probability: distributions, expectation, variance, covariance, portfolios, central limit theorem; statistical inference of univariate data; Statistical inference for bivariate data, inference for linear simple regression models.

**Grading:**

- Grade Components:
  - 15% Participation: Random calling will be used.
  - 25% Homework: We will check for completion and select a few problems for detailed grading. You will submit your homework electronically through Canvas.
  - 60%, 2 cumulative exams:
    - Exam 1: Wednesday July 22
    - Exam 2: Wednesday August 5
- 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  $70 \leq \text{Grade} < 80$ .

**Important Stuff:**

- Please be considerate and respectful towards your fellow classmates.
- We really care about what you think! We will do at least one anonymous class review during the semester, and an official anonymous review at the end of the semester. You are always welcomed to share your ideas and opinions about the class with me.
- Any student with documented disability is requested to contact me within the first week of the class.
- You'll get an F for any kind of cheating.