



Statistics 102

Fall 2018

Course Description:

The goal of this course is to expand upon the basic tools for data analysis, probability and statistical methods that were covered in Stat 101. We will first review exploratory data analysis, probability, estimation, and hypothesis testing. The majority of the course will focus on regression analysis and other techniques for predictive modeling in statistics. I believe that statistics is best learned through the engagement of real data applications, so the statistical techniques in this course will be presented as part of a case study of urban data for the city of Philadelphia.

Professor:

Dr. Shane Jensen
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JMHH 463
215-573-2211

Lectures:

Section 001, TuTh 10:30am-12:00pm, SHDH 350
Section 002, TuTh 1:30pm-3:00pm, SHDH 350
Section 003, TuTh 3:00pm-4:30pm, SHDH 350

Office hours: TuTh 5:00-6:00pm JMHH 463

Course Website: Canvas

Required Textbook:

Stine and Foster, *Statistics for Business: Decision Making and Analysis*, Third Edition. You will also need MyStatLab access as used in Stat 101.

Required Software:

JMP, Version 12 or newer. You are welcome to use something else if you prefer, but neither I nor the course TA can be expected to offer help with that choice.

Evaluation:

Your course grade will be calculated as 30% homeworks, 30% for the midterm examination, and 40% for the final examination.

Important Dates:

Tuesday, August 28	First day of class
Thursday, October 4	No Class -- Fall Break
Tuesday, October 23	Midterm Exam (in class)
Thursday, November 22	No Class -- Thanksgiving Break
Thursday, December 06	Last day of class
Thursday, December 13	Final Exam (6:00-8:00pm)

Notes about Grading:

- Homework assignments will be assigned every two weeks or so and will be turned in for grading. ***No late homeworks will be accepted, for any reason whatsoever.*** However, your lowest homework score will not be used when calculating your final grade
- No make-up midterm will be given, so make sure that you do not have other commitments during the midterm time

Teaching Assistants

TBD