

Math 140: Statistics (#43480) TTh 8:25-10:50am Hasley Hall 305 (computer room)

Instructor: **Collette Gibson** (Professor Gibson)

Email: collette.gibson@canyons.edu.

Office: Seco 202B (C-202B)

Phone: 661-362-3711

My office is located on the second floor of Seco Hall, which still has the old building letter of "C" denoted above all doors on the second floor.

This is a face-to-face class with three online components as well as reading and writing. You will need access to the Internet for the OLI book, the Statcrunch software, and course materials through Canvas (our learning management system). Online homework exercises and quizzes will be completed for this course. Most course materials will be provided to you as a hard copy in class. You will want to check Canvas regularly for due dates and course materials. Please note that when comparing statistics with other transfer-level math courses, there is a lot of sentence writing and reading.

Hello and Welcome!

This letter is to give you enough information so that you may decide if this section of Math 140: Statistics is a good fit for you.

This is a **16-week course** that begins on **Tuesday, August 20, 2019 at 8:25 am**. The last day of class, which is your final exam, is on **Thursday, December 5, 2019 at 8:25 am**.

We meet in class for 5 hours a week with one break each class session. Plan on spending an average of 8 hours per week outside of class. *(Some of you may need more than 8 hours and some of you may be okay with less than 8 hours per week.)*

Beginning **Wednesday, August 6, 2019**, two weeks prior to the start of class, you will have access to this course via Canvas. I recommend that you access Canvas when it opens and follow the directions for how to access the book prior to the first day of class. **If you are unable to attend class the first day, you must contact me via email explaining why by noon on Wednesday, August 21, 2019 to avoid being dropped.** Unfortunately, since my class has a waitlist, it will be difficult to add you back onto the course roster.

Exams will be taken during class time. I prefer to stick to the scheduled exam dates set in my tentative lecture schedule. If you know in advance that you have a conflict with an exam, you may take the exam ahead of schedule with photo ID in the TLC testing center with advance notice given to me. If something unexpected comes up that prevents you from attending class on the day of an exam, then the final may replace one missed or one lowest exam.



Course Overview

We will be covering types of data, analysis of one quantitative variable, correlation and linear regression, sampling techniques, observations and experiments, probability, simulation, confidence intervals, and hypothesis testing. The simulation, confidence intervals, and hypothesis tests cover one population, two populations, and three or more populations for categorical and quantitative data. Some hand calculations will be performed, but most calculations will be completed via Statcrunch for you to analyze. There is a lot of sentence writing within statistics when compared to other transfer level math courses.

Required Textbook and Software



I will provide a link to the book and Statcrunch within Canvas to make it convenient for you, but you will need to enter your username and password for both of these sites once directed to their webpages.

Book: *Concepts In Statistics*

Approximately \$20 through the **Open Learning Initiative** (OLI) website. (credit card or debit card)

Approximately \$29 if you purchase an access code through the bookstore.

Please follow the directions within Canvas to enroll in the online book prior to the first class meeting.

Record your OLI login hints here.

Username: (email address)

Password:

Software: **Statcrunch**

Approximately \$15 for a 6-month license through the website. (credit card or debit card)

Approximately \$14 if you purchase an access code through the bookstore.

You may wait until the course meets to purchase Statcrunch.

Record your Statcrunch login hints here.

Username: (email address)

Password:



Canvas

Access your course via Canvas at coc.instructure.com when the **course becomes available on August 6, 2019**.

Username: The same as your MyCanyons username (example jdsmith)

Password: students

Change your password from “students” to your own password. Once in Canvas, click on your image, select “Settings” and then click on “Edit Setting” on the right hand side of the page. Then check the box for “Change Password.”

If you need assistance logging into your course, call 661-362-3344 or 1-877-899-9052 or email cvsupport@canyons.edu.

The online education webpage is located at <https://www.canyons.edu/academics/onlineeducation/index.php>. This website has information to help you be successful in online and hybrid classes with Canvas tutorials and time management strategies. This course is not hybrid, but it has a large online component outside of class.

Technology Requirements

- ✓ Regular access to a **reliable computer with stable, high-speed internet connection**. This can be either a personal computer, a computer in the COC library or in the TLC, or at a public library computer.
- ✓ You need the following **software** on the computer:
 - Internet browser latest release
(**Mozilla Firefox recommended for OLI**; no preference for Statcrunch;
Mozilla Firefox or Google Chrome for Canvas;)
 - A word processing program such as Microsoft Word.
 - Adobe Acrobat Reader. You need to open, print, and save PDF files. To view PDF files, you should have a current version of the free [Adobe Acrobat Reader](#) installed on your computer.

Notes:

- A Visa or MasterCard credit or debit card is needed to provide a secured payment for the OLI book processed by Carnegie Mellon University if you decide to purchase the book through their webpage. The same is true if you decide to purchase Statcrunch through their webpage. Otherwise, you may purchase access codes through the bookstore using cash.
- A canvas smartphone app is available to download (Canvas by Instructure). Please do not use the Canvas app to complete assignments to post to the discussion; you will likely miss important information.
- **The Learning Center (TLC)** provides FREE face-to-face and ONLINE tutoring, proctoring for courses that have required proctored exams, Study Jam review sessions, computers with over 300 software programs, and more! Go to:
<https://www.canyons.edu/academics/tlc/index.php>