Math 17: Integrated Statistics II – Spring 2017
Mon. – Fri. 11:30–12:20 in S-54
Labs Wednesdays in S-44

Instructor:	Cheryl Jaeger Balm	Office Hours:	Tues. & Thur. 9:40–11:20 in S-41
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<u>**Class Website:**</u> The class syllabus, calendar, homework and other materials will be posted on the class web site at `http://www.deanza.edu/faculty/balmcheryl/statway2_spring17.html`. **Bookmark it and check it often!**

<u>**Textbook and Required Materials:**</u>

- **STATWAY textbook Modules 7-11**

- **Graphing calculator**, TI-84, TI-84+, TI-83 or TI-83+

  You can rent a TI-83+ for \$10 per month from `rentacalc.com`.

- **Carnegie Math Pathways account**

  - Log in (or create an account) at `pathways.carnegiehub.org` and request to be enrolled int he course with code **2EX8-T1W8**
  - After you are approved to enroll, you have 4 weeks to pay by entering the access code inside the front cover of your textbook.

<u>**Student Learning Outcomes**</u>

1. Identify, evaluate, interpret and describe data distributions through the study of sampling distributions.

2. Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

<u>**Course Description**</u>
This is a collaborative class. You will be expected to work with your classmates both inside and outside of class (no exceptions). This course is the second of a two-course sequence in the study of statistical methods integrated with algebraic tools to prepare students to analyze processes encountered in society and the workplace. This course covers statistical inference. Students are expected to implement technology to perform calculations to organize data in order to make statistical conclusions. This sequence of courses is intended for students intending to transfer who are **not** planning on majoring in a science, technology, engineering, or mathematics related discipline.

<u>**Attendance:**</u> Regular, punctual attendance at all class meetings is expected. **Your teammates are counting on you to be present and participating in all class activities.**

<u>**How to get help:**</u> Don't wait until you're drowning to ask for help! Students may receive assistance from me during office hours or by appointment. Please come by for help or to talk about your grade. That is what I am there for! Tutors are available in S-41.

Grading:

- **Take it homes (Homework):** A Take it Home will be assigned at the end of each textbook section and you will usually have 2 days to complete it. Each assignment is worth 3 points and will be graded for completion and accuracy. Late homework will not be accepted for full credit.

- **Checkpoints (Online homework): You should plan on doing online reading after class everyday.** The online reading includes Try These, which are not graded, and Checkpoints, which count toward your overall grade. Due dates for Checkpoints can be found online. *Please note that a "point" on your online homework is only worth about a half a point in the class.*

- **Labs:** Lab assignments are done in groups in the computer lab and make use of MiniTab statistical software. Labs are due on Tuesdays via email. **Labs will not be accepted if the entire group is not CCed on the email.** Labs are worth 10 points each and your lowest lab grade will be dropped.

- **Midterm Exams:** Four exams will be given worth 50 points each. An exam will be given at the end of each module. Exam dates are on the calendar. **No make-up exams will be given for any reason.**

- **Final Exam:** There will be a 2-hour **comprehensive** final exam worth 100 points on **Mon., June 26, 11:30–1:30**. At the end of the quarter, your final exam will replace your lowest exam score, if the final exam score is higher (as a percentage).

Grades will be assigned as follows:

Assignments	Weight		Percent	Grade
30 Take it homes	15%		≥ 90	A
16 Checkpoints	10%		≥ 80	B
10 Labs	20%		≥ 70	C
4 Midterm exams	40%		≥ 60	D
Final exam	15%			

Other:
– If you have any questions regarding your grade on any assignment, you must discuss the matter with me as soon as possible. Once the assignment has left the classroom, no grading changes will be made.
– Cell phones and other devices should be turned off or set to **silent** during class. Your phone is not your calculator. If I see it or hear it, it may be confiscated until the end of class.
– Disruptive talking and other interruptions during class will not be tolerated.

Academic Integrity: Academic dishonesty will not be tolerated. If a student is found cheating and/or copying on any assignment, test or quiz or violating any other code of academic integrity, he or she will receive a 0 on the assignment and may be reported to the PSME Dean.

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Programs and Services (DSPS) if you have any physical, psychological or other disabilities, vision, hearing impairments or ADD/ADHD. DSPS is located in ATC-209. Phone number: 408-864-8407 . Website: `https://www.deanza.edu/dsps/`