

LEFT: LEWIS HOUSE (BUILT 1815)  
S.W. WASHINGTON, DC

## Math 10-30 Elementary Statistics and Probability

*Andrew Phelps*

Fall Quarter 2018

COURSE # 24947

**Text:** Illowsky and Dean, Collaborative Statistics, 2<sup>nd</sup> Ed., ISBN 0983804907

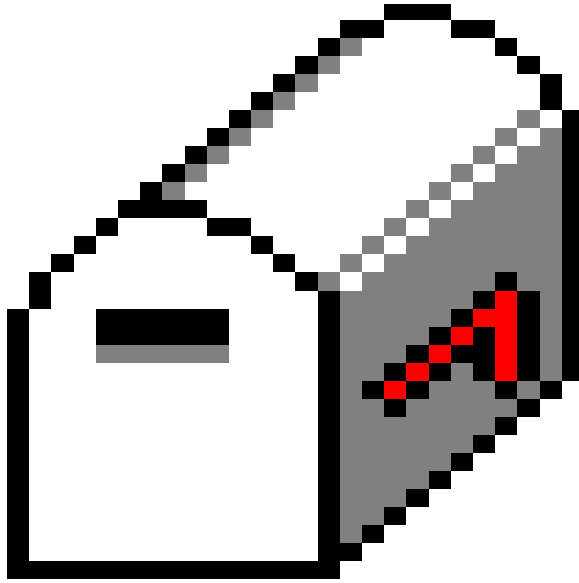
Note: This text is available for purchase in hard copy at the De Anza College Bookstore or for FREE downloading at: <http://cnx.org>. Access the text by text title, Collaborative Statistics. You may download the text for free onto your computer and print out the pages you want. (Note: If you plan on printing the entire book, it's less expensive to purchase the hard copy at the Bookstore or online.)

### Hours:

- Lecture: TuTh 1:30PM to 3:45PM in Room **E-32** BREAK IN MIDDLE
- Office: Tuesdays and Thursdays 12:10-1:00PM
- Office Location: Baldwin Winery #21 — wave or dial **8261** at entry for admission

**Communication:** 24-Hour Voice Mail: *not available*. If you can't come to class, send an email; do not phone for that purpose.

Also, I have a mailbox in the faculty mailroom Admin. 111 USE THE MAIL SLOT (DROP BOX)



math\_mad@yahoo.com

Instructor Email:



Course Web Site:

<http://batstar.net/enforce>

**Homework.** Homework is assigned daily, and available on the Course Web Site. *Doing the homework is key to learning the material. The best thing is to do everything that is assigned, and more.* **Students who do not keep up will soon fall behind dangerously.** Generally homework is on a *not hand in* status. Exception is one Problem Set, to be handed in and graded

**Exams.** There will be five (5) exams [lowest automatically dropped, when all five taken] — plus the final exam

**Labs.** Labs will be done primarily by group learning: This is the **only** hand-in work where students may collaborate. Hand-in lab work graded for general concerns only

**Research Reports.** Two short papers (3 points each) assigned, regarding the nature and history of statistical method

**Final Project.** The final project (12 points, and possible extra credit) involves *evaluating* a data source. PROJECT DUE DATE AT END OF TERM arrangement will be posted

**Extra Credit.** A course study extra credit assignment (due at the Final Exam) will be posted on the website. Others will also be posted. These are to help you if you are “caught between two grades”

*raw score contributions*

unit(s)	points
Problem Set	3
Lab Hand-In	2
Seek Truth	3

without adequate explanation, will be considered grounds for grade reduction/failure. “Adequate explanation,” if you *need* to miss class, means send me an [e-mail message](#)  
**Coming Late.** Tardiness and leaving class early w/o permission will be counted as ½ a missed class. A *spot quiz* (for **1** point) may be given one day at the beginning of class, for those who are present.

Difficult situations require explanation and arrangement — If you *need* to miss class, send an e-mail to the **math\_mad** account (preferred): Additional discussion may obtain.

**WebAssign.** Not regularly used in course (check with instructor)

**Plagiarism.** The *appearance* of cheating is grounds for failing a test/assignment or the course itself, at the discretion of the instructor

- *Intersectionality.* Equity at De Anza College relies on the perspective of "intersectionality." Differences need to be entertained from that philosophical framework. Concerns regarding stereotyping and social behavior may be discussed with the instructor or — if needed — referred to the Office of Equity
- *Preparedness.* Due to **AB 705**, there is the possibility that students may not be fully prepared, or ready, to take Math 10. Connection with Student Success (**E-43**), STEM (**S-31**) or other campus sources would be an option to consider

**DISCLAIMER.** THE POLICY PRESENTED MAY BE ADJUSTED AT THE DISCRETION OF THE INSTRUCTOR



**Student Learning Outcome(s):**

\*Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.

\*Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.

\*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.