

## Math 10 (Secs 25 & 61) – Statistics – Spring 2018 Syllabus

**Instructor:** Maurice (Mo) Geraghty

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**Office Location/Phone:** S-49A (408) 864-5383

**Office Hours:** M 12:30-1:20 Tu 11:00-12:30 (in LCW110)  
W 11:30-12:20 Th 12:30-1:20

**Required Materials:** Textbook – *Inferential Statistics and Probability* by Geraghty (**online**)

Calculator – Scientific Calculator sufficient. **Cell phone calculators not allowed on exams.**

Access to a computer outside of class; we will be using the computer lab and Minitab. Also, you will need an e-mail address and access to the Internet. Course topics, homework, exam information, handouts, data sets, and other information will be posted on the website.

**Grading:** Grading will be based on the following criteria. **Grades are not negotiable.**

*****Grading Scale (points)*****			Grading Criteria
458 - 444 = A+	443 - 425 = A	424 - 412 = A-	Exams: 200 pts
411 - 398 = B+	397 - 379 = B	378 - 366 = B-	Final: 100 pts
365 - 343 = C+	342 - 318 = C	319 - 297 = D+	Labs: 110 pts
296 - 274 = D	0 - 273 = F		Homework: 48 pts

**Homework:** Completed Homework must be turned in by the due date, but should be completely daily. Homework assignments may also be posted on the website. **There is no credit for late homework.**

**Exams:** There will be two exams during the quarter. Your final exam score will replace your lowest scoring exam if it improves your grade. **There are no make-up exams.**

**Final Exam:** A comprehensive exam will be given on the final exam date.

**Computer Lab:** Lab classes will be held in the math computer lab: S44. You will use Mintab and other statistical software in analyzing data, learning statistical models and working on the class material Computer labs can be done in groups of no more than four people for a common grade and be turned in by email on the due date. **There is no credit for late labs received after midnight on the due date.**

**Adding/Dropping:** If you choose not to complete the course, it is your responsibility to officially drop or withdraw from the course by the deadline date. **I will not sign late drop or withdrawal forms.**

**Attendance:** It is expected that you attend both the lecture and labs. Attendance means arriving on time and staying the entire scheduled period.

**Changes:** Information in this syllabus may be changed during the quarter, but you will be informed in advance.

**Other Information:** All students are expected to understand the college policy on cheating as outlined in the student handbook. **Plagiarism (submitting another's work as your own) will result in an immediate failure for the course for your entire group.**

Cell phones and other electronic devices need to be turned off or silenced. Please arrive on time and stay the entire period.

Read the **Frequently Asked Questions** on the website for other policies and procedures.

If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Tentative Schedule - Math 10 Secs 25 & 61  
Spring Quarter - 2018

	Monday	Tuesday	Wednesday	Thursday	Friday
Apr	9 Ch1/2	10	11 Ch 2 HW 0	12 Lab 1 Due	13
Apr	16 Ch 2/3	17	18 Ch 4 HW 1	19 Lab 2 Due	20 Drop Deadline (Apr 21)
Apr	23 Ch 4/5	24	25 Ch 5/6 HW 2	26 Lab 3 Due	27
Apr/May	30 Ch 7	1	2 Review HW 3	3 Lab 4 Due	4
May	7 Exam 1 Ch 8	8	9 Ch 8 HW 4	10 Lab 5 Due	11
May	14 Ch 9	15	16 Ch 9 HW 5	17 Lab 6 Due	18
May	21 Ch 9	22	23 Ch10 HW 6	24 Lab 7 Due	25
May/June	28 Holiday	29	30 Ch 10 HW 7	31 Lab 8 Due	1 Withdraw Deadline
June	4 Review	5	6 Exam 2 HW 8	7 Lab 9 Due	8
June	11 Ch 11	12	13 Ch 12 HW 9	14 Lab 10 Due	15
June	18 Ch 12/13	19	20 Ch 13 HW 10	21 Lab 11 Due	22
June	25	26	27 Final Exam 4:00-6:00 6:15-8:15 HW 11	28	29

**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.