Math 10 (Sec 24 & 61) – Statistics – Spring 2016 Syllabus

Instructor: Maurice (Mo) Geraghty **Office Location/Phone:** S-49A (408) 864-5383
Email: geraghtymo@fhda.edu **Office Hours:** M 8:45-9:15 PM   Tu 11:30-1:00 (in LCW110)
Website: http://nebula2.deanza.edu/~mo W 11:30-12:20   Th 12:30-1:20
  http://professormo.com (mirror)

Required Materials: Textbook – *Collaborative Statistics* by Illowsky/Dean **(online or printed copy)**
  Textbook – *Inferential Statistics and Hypothesis Testing* by Geraghty **(online only)**

  Calculator – Scientific Calculator is sufficient. **Cell phone calculators are 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	
460 - 446 = A+	445 - 427 = A	426 - 414 = A-	Exams:	200 pts
413 - 400= B+	399 - 381 = B	380 - 368 = B-	Final:	100 pts
367 - 345 = C+	344 - 322 = C	321 - 299 = D+	Labs:	110 pts
298 - 276 = D	0 - 275 = F		Homework:	50 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 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. Student Learning Outcomes (SLO's) are also posted on the class website.

  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 24 & 61
Spring Quarter - 2016

	Monday	Tuesday	Wednesday	Thursday	Friday
Apr	4 **Part 1**	5	6 **Part 1** HW 0	7 Lab 1 Due	8
Apr	11 **Part 1/2**	12	13 **Part 2** HW 1	14 Lab 2 Due	15 Drop Deadline (Apr 19)
Apr	18 **Part 3**	19	20 **Part 3/4** HW 2	21 Lab 3 Due	22
Apr/May	25 **Part 4** HW 3	26	27 **Review**	28 Lab 4 Due	29
May	2 Exam 1 **Part 5** HW 4	3	4 **Part 5**	5 Lab 5 Due	6
May	9 **Part 5/6**	10	11 **Part 6** HW 5	12 Lab 6 Due	13
May	16 **Part 6**	17	18 **Part 6**	19 Lab 7 Due	20
May	23 **Part 7** HW 6	24	25 **Part 7**	26 Lab 8 Due	27 Withdraw Deadline
May/Jun	30 **Holiday**	31	1 **Review**	2 Lab 9 Due	3
Jun	6 Exam 2 **Part 8** HW 7	7	8 **Part 8**	9 Lab 10 Due	10
Jun	13 **Part 8/9**	14	15 **Part 9/Review** HW 8	16 Lab 11 Due	17
Jun	20	21	22 **Final Exam** Sec24 4:00-6:00 Sec61 6:15-8:15 HW 9	23	24

Student Learning Outcomes - Math 10

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.