

Cañada College

Fall 2008

Math 200 OLH

Online Introduction to Probability & Statistics Syllabus

Mandatory Orientation: Tuesday, August 19, 2008, 4:00pm-6:00pm; Room 22-118

Instructor's Website: <http://www.smccd.edu/accounts/lapuz>

Online Courseware: <http://www.coursecompass.com>

Instructor: Raymond M. Lapuz

Office: 18-314

Office Hours: Tuesdays, 4:30pm-5:30pm and by arrangement.

Contact Information:

Phone: (650) 306-3290

e-mail: lapuz.math@gmail.com (preferred)

Prerequisite: Satisfactory completion of Math 120 with a grade of C or better or appropriate score on the college placement test.

Catalog Description: Measures of central tendency and dispersion; sampling distributions, statistical inference, hypothesis testing, regression/correlation, contingency tables.

Some Student Learning Outcomes:

By the end of this course, you will be able to ...

- Define statistical terms.
- Compute basic descriptive statistics.
- Compute basic probability problems.
- State the Central Limit Theorem and give examples of applications.
- Given an inferential statistics problem, identify the appropriate hypothesis test, perform the hypothesis test, and interpret the results.

Required Materials:

Text and Technology:

Essentials of Statistics 3rd edition, by Triola (text can also be found online).

Access to CourseCompass courseware (from bookstore or purchase online).

Computer with internet access and with necessary software and plug-ins.

** It is necessary to have Windows with Internet Explorer in order to complete the online homework. If you don't have this set up in your home computer, you may use the Learning Center to do homework.

Graphing Calculators: TI-84 (preferred); TI-83 or TI-89 also acceptable.

Excel or some other spreadsheet program is recommended for projects.

Reading the Text: Since there are no lectures it will be important to read through the text. You should at least skim over the section before attempting the assignments. Also, with the "interactive" online textbook, you can find other multimedia resources such as videos, animated applets that help uncover the concepts discussed in the text.

Checking the Courseware: This class is NOT a self paced class. You should check the courseware periodically and be aware of assignments and deadlines. Most of this information can be found under the announcements page and, if necessary, would have links to other pages in the courseware.

On-campus Requirements: Although this is an online course, you will be required to be come to campus for the following meetings:

- (1) Mandatory Orientation;
- (2) Two Midterm Exams [check online site for dates]; and
- (3) The Final Exam [check online site for dates].

In addition, there will be periodic office hours and some review session which are optional – to be announced.

Your course grade will be based on the following:

Journals/Discussion Board Check Ins	5%
Course Projects	5%
Quizzes	10%
Homework Assignments	10%
Midterm Exams	35%
Final Exam	35%
Study Plan Tutorials	Extra Credit: 2.5%

Grades Update:

Grades are updated online periodically. Announcements will be made when they are updated.

Final Grades will be assigned according to your overall percentage:

A:	90.00% and above.
B:	80.00% to 89.99%
C:	70.00% to 79.99%
D:	60.00% to 69.99%
F:	Below 60%

Journal/ Discussion Board Check Ins: Journal assignments come in different forms: assessments, self-evaluations, and write-ups. Some of these assignments will be "free-response" to be submitted online as a ".doc," ".rtf," or ".txt" file and others will be discussion board responses to share with the class. The purpose for the discussion board assignments is to encourage you to check, post, and reply to the discussions in the discussion board. These will be assigned periodically under Assignments.

Grading and Late Policy:

- 10 points for completed assignment.
- 8 points if submitted incorrectly.
- 2 point deduction for each day late.

Course Projects: There will be four assigned projects that will apply the statistical concepts to your real life. Instructions and details will be provided on the courseware as the projects are assigned.

Grading and Late Policy:

Start with 20 points; points deducted for errors.
4 point deduction for up to one week late.

Quizzes: Since the homework assignments do not cover statistics from a holistic point of view, you will periodically be quizzes that mimic the exam questions. These quizzes might be from the problems sets in the text or questions posed online. Check under Assignments.

Grading and Late Policy:

Start with 10 points; points deducted for errors.
3 point deduction for each day late.

Homework Assignments: Homework can be found on the online courseware and should be done online. These problems quickly assess your learning and understanding of the materials covered in the text.

Grading and Late Policy:

Homework assignments will be automatically graded.
You are allowed to make up TWO homework assignments for the semester.
**To make up a homework assignment, email me with the subject titled: "MAKE UP HOMEWORK." In the body of the message, state the section you want to make up and give an excuse of why you did not complete the homework. You will have up to one week to make up.

Midterm Exams: There will be two proctored midterm exam with 100 points. Toward the end of the semester, there will be an optional opportunity to make up an exam to gain more points. Details will be posted after the second exam.

Final Exams: The final exam is comprehensive with 200 points. It will be have two parts: a take home portion and a proctored portion. The take home portion will be available online for download/print and will be due when you come in to take the proctored portion. Details will be available online near the end of the term.

Study Plan Tutorials: As you go over the text, there are study plan problems where you can practice homework type problems. These problems are tracked online and will be used as extra credit for the final overall grade.

"There are three types of lies: lies, damn lies, and statistics."
-- M. Twain