Math10 Syllabus Hybrid Class

# Class at a Glance

## Your grade depends on:

- **7 Best Online Quizzes (Total online quizzes =12)**
- **5 Best InClass Quizzes (Total in-class quizzes =7)**
- **Textbook Homework**
- **Binder**
- **3 or 4 Technology Labs**
- **3 Exams**
- **Final**

## Attendace

Within the First 2 Weeks of the quarter, you must not miss a class meeting or be late more than twice. More than 10 min. late is considered absent. YOU are responsible for getting any info you either missed by being late or absent. DO NOT ask the instructor! If you cannot make it to class for some extraordinary reason such as an accident or have an unexpected event such as traffic, then email the instructor or classmate to relay the info before class begins. If not possible before class, a document may be required.
Class attendance is required throughout the quarter. If you miss more than two class meetings or are late more than 3 times, you may be dropped from the class. If you definitely want to be dropped from the course YOU should make sure, you drop yourself. If you do not drop (and I do not) it is still YOUR responsibility. If you were not dropped but you wanted to be dropped and it is after the drop date, you will still get a non-passing grade that CANNOT be altered.

NOTE: If you are absent, you will miss a quiz or exam. There are **no make-ups,** do not ask. If you miss an exam, your percent on the final will replace that exam score.

## Required Materials:

Either you will need internet access to the main textbook or you may purchase the main book. A link to the main textbook is provided below. A link is provided to another free textbook for reading and reference. Both these books are free and cover all the topics covered in the course. Sine they are free, you may download any parts or the complete book. Most students view the books online.

***Main Textbook***

Introductory Statistics, by Illowsky and Dean

Click Here

Or copy and paste https://openstax.org/details/introductory-statistics

Understanding the book:

- After clicking the textbook link above, click on the table of contents located under the title of the book. The different chapters and sections will appear on the left. You can download any part of the book as a pdf file. These are made free and possible by OpenStax Books.

- Book Problems start at the end of each chapter and start numbering under the heading called Practice Problem. Numbers continue under the heading called Homework Problems. Exercises are assigned from both of these sections.

## Graphing Calculator:

A graphing calculator is required for this course. There is a set of online videos I have included in Canvas that will demonstrate how to use only two types of Graphing Calculators (TI 83 or 84 any versions). For all other types of graphing calculators, the student is completely responsible for finding and learning how to use required programs!

You may rent or purchase these TI calculators. Two possible ways to rent are:

- At: http://www.rentcalculators.org
- At the bookstore

## 3 Ring Binder, Dividers and Tabs

You must have a 3 ring binder by the first meeting. Bring it with you to class.

## Recommended Material

Textbook: Inferential Statistics and Probability: A Holistic Approach by Maurice A. Geraghty

Click Here or copy and paste:

***Exams:*** Three exams will be given. Each exam will be worth equal value and returned with a percent score. Exams count as 40% of your grade. Problems will be based on the following:

1. Textbook Homework
2. Quizzes
3. Labs

There are no makeup exams. If you miss an exam, your percent on the final will replace that exam score.

**Quizzes:** There are Online quizzes and On-Campus quizzes. Online quizzes are due every Sunday evening at 11:30pm.
On- Campus quizzes are during class meetings unless an exam is scheduled. There are 12 online quizzes but only your best 7 quizzes will contribute to your grade. There are 7 on-campus quizzes but only your 5 best quizzes will be used in your grade.

**There are no extensions or make-ups quizzes.**

## Homework:

Homework will be collected and graded at least twice for completeness, correctness and neat work shown. If you are unsure regarding how much work must be shown, contact the instructor.

(Note that if no one asks any questions in previous meetings or in office hours, the instructor will not cover any problems. These problems may appear on an exam. It is IMPERATIVE that you try problems that the instructor assigns. Do not spend more than 5-10 min. on any question. If you get stuck seek help either from the instructor, NeTtutor, classmates or tutors in the tutorial center.

## Binder

The 3 ring Binder must contain the categories listed below. Your binder will be graded at least once during the quarter. If the instructor grades your Binder any additional times, an average score will be used in the calculation of your grade. The instructor will base your score on the following: organization, neatness, completeness and adherence to the instructions below. Use tabs or dividers for chapters. Within each chapter, include the new category on a separate page.

Categories to include are:

- Notes (book or video) All topics listed for that chapter must be included with notes that follow.
- Calculator Notes
- Textbook homework
- Printout of any practice quizzes or exams
- Returned work

**Notes:** Write neat notes including all topics listed in Canvas under that chapter. Include at least one example. Many students succeed using two different colors.. One color is used for explaining the topic and the other color for examples. If you do not

understand a topic after reading or watching videos, please ask the instructor for help either in office hours or in the on-campus meetings if time permits.

**Calculator Notes:** These can be very brief for some beginning chapters. You may skip calculator notes for Chapter 1. Use the following format or similar.

- The name of the program and what it is used for, for example 1-var stats gives statistic values for a sample
- Necessary input values for instance, for the above, a list of values
- Any steps to refresh your memory

**Homework Problems:** The exercise number must label each problem. To receive full credit, show your work/pictures and or calculations. No work is expected for some problems such as True/False questions. Some answers can be found at the end of each chapter. .

If you get stuck on a problem, go to ***Course Help*** in the first module of Canvas. Leave ample space to complete the problem.

Separate problems by a horizontal line.

**Printout of Practice Quizzes and Exams.**

**Returned Work** (if you need a 3-ring hole puncher ask you instructor)

***Labs:*** Three or four collaborative labs will be assigned. Lab projects must be done in groups of at least two but no more than four. . If you turn in a lab by yourself (without a lab partner), you will lose 20% since collaboration is a requirement for GE courses. If you turn in a lab late, you will lose 10% each day. No late labs will be accepted more than 3 days after the due date.

## Extra Credit

There are two types of extra credit:

1. In some weeks, a module on Canvas may contain an extra credit project. Typically, you will watch a video and then provide three real-world examples with their sources.
2. Using a free online software system called MyOpenMath. Codes and keys will be provided in Canvas. There are online assignments, which are based on topics covered in this course. There are no extensions. You may do relevant assignments before a test or within one week after the test.

***Final Exam:*** A comprehensive final exam will be given. If you miss the exam without contacting me before the final exam, you will automatically receive 0% on

the final.

## Point Distribution

Exam Total =====400 (approx 133/Exam)
Lab==========100
Binder=========100
Online Quizzes===100
OnCampus Q==== 50
Homework ======50
Final==========200 **Total Points = 1000**

## Grading Scale

99%-100%=====A+
90%-98%======A
89%======A-
86%-88%======B+
80%-85%======B
79%======B-
76%-78%======C+
70%-75%======C

66%-69%======D+
50%-65%======D
49%==========D-
< 49%=========F

**Policy on Cheating:** Students who submit the work of others as their own or cheat on exams or other assignments receive a failing grade on that assignment and are reported to college authorities.

You may access your final grades through MyPortal at the DeAnza website www.deanza.edu

**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.