



#### CONTACT

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[Mathematics](#)

Faculty Websites » Lenore Desilets » MATH10 » Math 10 Hybrid Syllabus

## Math 10 Hybrid Syllabus

### Fall '16: Rules and Content of the Course: Math10-hybrid MW Mtgs.

#### ATTENDANCE

**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. If you cannot make it to class for some extraordinary reason, have an accident or have an unexpected event such as traffic, then call or email 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 **4 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 don't) it is still YOUR responsibility. If you were not dropped but you wanted to be and it is after the due date to drop, you will still get a non-passing grade that can NOT be altered.

#### Frequently Used Links:

[Tentative calendar](#)

[Book Problems](#)

**PREREQUISITES** Passing grade (C or better) in Math 105, 114, placement exam or multiple measures.

**Student Learning Outcomes:** (What you will be able to do at the end of the quarter)

- 1: Organize, analyze and appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs and numerical measures of characteristics of data.
- 2: Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.
- 3: Collect data, interpret, compose and defend conjectures and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis test and regression analysis.

**Required Access:** Your course is organized on the online system called Catalyst and graded homework is assigned and done on the online program called WebAssign. Hence, you will need **internet access**.

- If you have not used **Catalyst** before, you first need to go to Catalyst.com and create an account. Once you

create an account you should see all your classes that are using Catalyst. Please click on your Stat course. Notice the basic info that can also be found on my homepage or this site. Please scroll down to see what else is in Catalyst. You should see weekly assignments, some with due dates and exam dates. Although Exam dates are rarely changed, quizzes may change but are most often announced. I very rarely give pop quizzes.

- You will also need to create an account on WebAssign found at WebAssign.net. To create the account you need a course code which will be emailed and an individual access code sometimes called a registration code. This code costs less than 50\$ and also has access to the ebook. You can purchase this registration code at the bookstore or online using a credit card. You do not need to purchase the code to create an account! You **must** create an account within the **first 3 days of the quarter**. You are allowed 10 days of free access with all worked saved before you must purchase the code.

#### Required Materials:

- **You will need access to the textbook, Introductory Statistics, by Illowsky and Dean. There are 4 ways to get free access:**
  - You may go directly to the following site and download any pages. <http://openstaxcollege.org/textbooks/introductory-statistics/get>
  - To view **ONLY** you may go to the site: <http://cnx.org/content/col11562/latest/>
  - In Catalyst there are links to the textbook
  - In the online software system called WebAssign, you also have free online access.
  - A Graphing Calculator. Two types of any version will be used/demonstrated in class and have online tutoring available if requested. For all other types of graphing calculators, the student is completely responsible for finding and learning how to use required programs! The two types are:
    - TI 83 or
    - TI 84

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

- At our bookstore
- At <http://www.rentcalculators.org>

**Exams: Three exams worth one hundred and fifty points each will be given. Problems will be based on the following and in the priority order listed:**

1. **Textbook Questions!**
2. **Lecture Examples and Problems Assigned within Lecture**
3. **WebAssign homework problems**
4. **Online quiz questions**

**If you have an extenuating circumstance you must provide evidence of the situation and contact me ASAP. It will be my decision to give you a makeup or not. An extenuating circumstance is not a flight out/in from town, picking someone up from an airport, scheduled an interview etc.....**

**Quizzes:** There are 13 online quizzes on Catalyst. Your 10 best online quizzes will be used in the calculation of your grade. There will be in-class quizzes throughout the quarter. Your 4 best in-class quizzes will be used in the calculation of your grade. (Note since quizzes have a total of 100 points, you can calculate your quiz points by adding up 14 quiz scores and dividing by 140)

If you complete all online quizzes with 100% you will receive extra credit toward your grade.

**Extra Credit -Presentations:** If time permits you may do a short (<5 min ) presentation on statistics currently used in the real world or your life. A presentation must reflect the topics either currently presented in class or in the last week. You must show me your work before presenting. You can either use your score on your presentation to replace a quiz score OR ½ added to your Lab total.

#### **Labs:**

Three to seven collaborative statistics labs will be assigned. Labs will be described in class and at least one will be done online with lab members. Unless given permission, lab projects must be done in groups of at least 2. If you turn in a lab by yourself (without a lab partner) you will be deducted by 20%. NO LATE labs will be accepted.

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

**Other Useful Links:** For extra Practice Problem/Quizzes and Tests you may go to the following links by Prof. Dean:

[http://faculty.deanza.edu/deansusan/stories/storyReader\\$23](http://faculty.deanza.edu/deansusan/stories/storyReader$23)

Additionally, there are practice exams and final at the back of your textbook.

#### **POINT DISTRIBUTION**

Exams Total ===== 450 points

Quizzes ===== 100 points

Labs ===== 100 points

Final ===== 200 points

#### **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](http://www.deanza.edu)**



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