

Math 10.04 On Campus Course, Summer 2016

CONTACT INFORMATION

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The best way to contact me is **via email**. Expect a reply before the end of the next school day.

Welcome to Statistics! Please read this syllabus in its entirety

Math 10 Student Learning Outcomes

1. 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.
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 tests, and regression analysis.

MATERIALS FOR MATH 10

- **REQUIRED NOTEPACK:** Note pack, please print from <http://www.deanza.edu/faculty/markuslisa/> (use the link on the left to access this on-campus course) or you can purchase the note pack at the De Anza bookstore. You **MUST** bring a **printed** copy to class in order to participate.
- **REQUIRED TEXT:** *Introductory Statistics* by Illowsky, Barbara, and Dean, Susan. (print or online) All of the text is free online. Use or download at: <https://openstaxcollege.org/textbooks/introductory-statistics/get> or at <http://cnx.org/content/col11562/latest> You may also purchase a printed copy at the De Anza College bookstore: <http://books.deanza.edu/home.aspx>.
- **REQUIRED CATALYST** <https://catalyst.deanza.edu> (not available until the start of the term. Free.) Used for links to lectures and videos, and keeping track of your grades.
- **REQUIRED:** To access **WEBASSIGN ONLINE HOMEWORK:** <http://www.webassign.net> (Not available until start of the summer session. Costs about \$35.) **Class Key: deanza 3235 1660**
- **REQUIRED CALCULATOR:** TI-83+ or TI-84+. Must be a physical calculator, not an app on your phone, etc.
- **REQUIRED:** 3 long brown scantrons (#2052 at the college bookstore counter), a #2 pencil and an eraser for the exams
- **OPTIONAL VIDEOS:** <http://itunes.apple.com/us/itunes-u/math-10-elementary-statistics/id431446414> There are additional links to the videos in Catalyst.

Note to students with disabilities

If you have a disability-related need for reasonable academic accommodations or services in this course, provide me with a Test Accommodation Verification Form (also known as a TAV form) from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give **one week** notice of the need for accommodations. Students with disabilities can obtain a TAV form from their DSS counselor (408 864-8753 DSS main number) or EDC advisor (408 864-8839 EDC main number).

Homework

The purpose of homework is to help you learn the material in the course. You learn the most and do your best if you do the homework problems. You are expected to do the chapter Practice in the book before attempting the Homework in the book. The homework you do using **Webassign** will count towards your grade. Your 10 highest **Webassign** homework scores count towards your final grade. Each WebAssign homework may be submitted up to 5 times.

Technology Based Projects

Technology Based Projects make use of the TI graphing calculator, and will be done groups of up to four members. Turn in one copy with all of the group members' names on the top. Projects are due during the first 5 minutes of class. All projects must use the data shared in class. All projects must be handed in to the instructor with all pages **STAPLED** together, or emailed as a **SINGLE** file (one document, not a folder with multiple documents) before the due date and time. If I cannot open your attachment, your grade is 0. **Late papers will receive a grade of 0. Projects will be started in groups in class.** If you are not **actively participating** on the project in class on the day we start it, your grade is 0. This means if you miss the class when we start the project, you will not get any credit for it.

Quizzes

There are several in-class quizzes. The top 10 quiz grades will count towards your final grade.

Exams

Two Midterm Exams and one Final Exam will be given during the summer. Bring a long brown scantron (#2052 at the college bookstore counter), a #2 pencil and an eraser to the exam. You must also **BRING A PHOTO ID**. You may bring one 8 1/2 inch by 11 inch page (both sides - this is only ONE piece of paper, not two glued together, etc.) of notes for the Exams (TWO pages for the Final Exam), a calculator (NOT an app on your cell phone, etc.), and, if English is a second language, a print (not electronic) English translation dictionary.

There are absolutely NO MAKEUPS for any work. I count your top 2 exam scores (out of the 3 exams), plus the final exam score. Therefore, it is possible your final exam score will be counted twice. If you do not take the final exam your course grade will be F. Exams not taken at the official time will result in a grade of 0. Late projects will receive a grade of 0.

Dropping/Withdrawing from the Course

IT IS YOUR RESPONSIBILITY TO DROP OR WITHDRAW IF YOU NEED TO. It is also your responsibility to check <http://www.deanza.edu/calendar/> for the De Anza College deadlines.

Class Behaviour

PLEASE be respectful of other students. During class, **all electronic devices**, other than your TI calculator, **must be OFF** (not vibrate mode). If your phone, pager, or any other electronic device

goes off during an exam or quiz, even on vibrate mode, your exam or quiz must be turned in immediately and you may receive a 0 for the assignment. Disrespectful behaviour (which includes, but is not limited to, noise from electronic devices) may result in you being asked to leave the class, and/or being dropped from the class, and/or being reported to the Dean, any of which could result in an F for the course.

Cheating

Students who submit the work of others as their own or cheat on exams or other assignments will receive a failing grade in the course and will be reported to college authorities.

Grades

Type	Description	Total Points
3 Exams (2 midterms plus final)	Top 2 out of 3 @ 100 points each	200
Final Exam *	100	100
In-class Quizzes	At least 11 @ 10 points each. Top 10 grades	100
Projects	4 at 25 points each, 1 lowest dropped	75
WebAssign online homework	13 @ 10 points each, 3 lowest dropped	100 Max
TOTAL		575

*If you do not take the Final Exam your grade for the course will be F.

Letter Grade	Lowest Percentage for the letter grade
A	93%
A-	90%
B+	87%
B	83%
B-	80%
C+	77%
C	70%
D+	67%
D	63%
D-	60%
F	0%

Topics to Skip

Please skip the following topics.

Chapter 3: Venn Diagrams

Chapter 4: Geometric, Hypergeometric, and Poisson distributions

Chapter 5: Uniform distribution

Chapter 7: Central Limit Theorem for Sums

Chapter 11: Test for Homogeneity, Test of a Single Variance

Chapter 13: Test of Two Variances

NOTES: The best way to contact me is via email: markuslisa@fhda.edu. You can expect a reply by the end of the next **school** day (Monday - Thursday). Check Webassign for the due dates for the online homework.

TENTATIVE CALENDAR SUMMER 2016

There may be additional Quizzes

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
JUNE	27 Chapter 1 Intro Quiz	28 Chapter 1/2 Quiz Chapter 2	29 Chapter 2 Quiz Chapter 1	30 Chapter 2 START TBP 2
JULY	4 INDEPENDENCE DAY - NO CLASS	5 Chapter 3 Quiz Chapter 2	6 Chapter 3	7 Exam Chapter 1-3 Chapter 4 TBP 2 DUE
JULY	11 Chapter 4	12 Chapter 5 (Exponential) Quiz Chapter 4	13 Chapter 6 Quiz Chapter 5	14 Chapter 7 Quiz Chapter 6
JULY	18 Chapter 7 START TBP 7	19 Chapter 8 Quiz Chapter 7	20 Chapter 8	21 Exam Chapter 4-8 Chapter 9 TBP 7 DUE
JULY	25 Chapter 9	26 Chapter 9 START TBP 9	27 Chapter 12 Quiz Chapter 9	28 Chapter 11,13 START TBP 12
AUG	1 Chapter 10 Quiz Chapter 11	2 Chapter 10 Quiz Chp 13	3 Quiz Chapter 10 TBP 9 DUE	4 FINAL EXAM Exam Chap 1-13 TBP 12 DUE

TBP = Technology Based Project

Quizzes: Intro, Chapters 1, 2, 4, 5, 6, 7, 9, 10, 11, 13. **11 Quizzes** - there may be more quizzes
Technology Based Projects: Chapters 2, 7, 9, 12. **4 Projects**