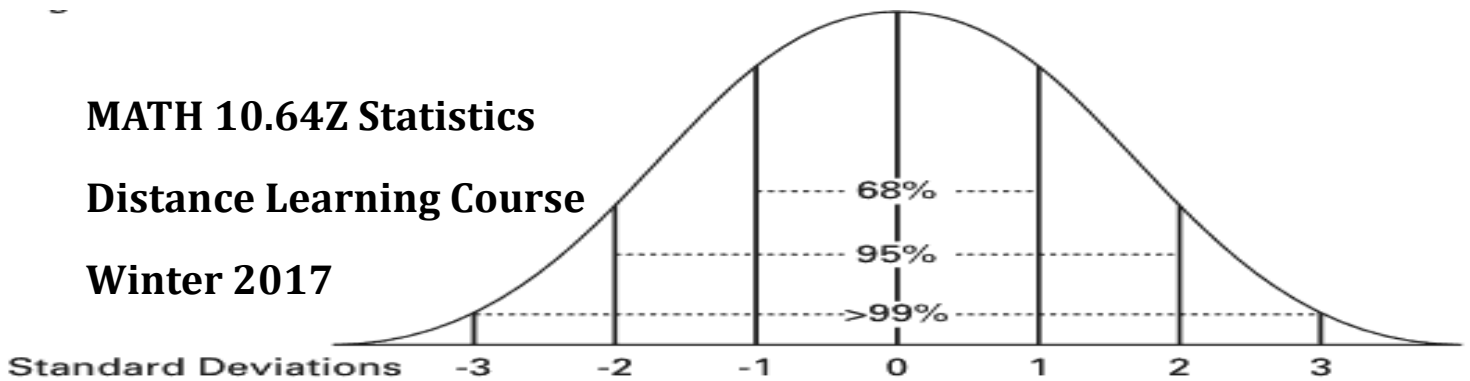


MATH 10.64Z Statistics
Distance Learning Course
Winter 2017



For more information about the Normal Distribution curve (shown above) see Chapter 6: The Normal Distribution in Introductory Statistics by Illowsky/Dean.

CONTACT INFORMATION

Dr Lisa Markus

Email: markuslisa@deanza.edu

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

Office Hour: TUESDAY 11:15am - 12:30pm in S 76 F, or by appointment.

Welcome to Statistics! Statistics is an exciting and interesting subject. I hope you will enjoy learning the material in this course. Please read this syllabus in its entirety. This is a distance learning class with **4 required on-campus exams**. Since this is a distance learning class, you should strive to learn the material on your own. I am here to help so please email me or post discussion questions in Canvas if you need assistance. Plan to commit a minimum of 15 hours per week to this course.

ATTENDANCE POLICY

Attendance is **required** via actively participating online. I will drop any student who has not logged onto the Canvas course and taken the Orientation Quiz by **11:55 pm on Wednesday 11 January**

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.

Very Important Dates

Proctored exams are in the Media and Learning Center (see a De Anza map at <https://www.deanza.edu/map/>) on the following dates:

Exam 1: Tuesday 31 January 5:30-6:30pm in Admin 101

Exam 2: Tuesday 21 February 5:30-6:30pm in Admin 101

Exam 3: Tuesday 14 March 5:30 - 6:30pm in Admin 101

FINAL EXAM: Tuesday 28 March 5:30-7:30pm in Admin 101

See the end of this syllabus for the **Alternative Exam Policy** if you are unable to take these exams on campus with the rest of the class.

STRATEGIES FOR SUCCESS

1. Keep up on all work – set aside at least 15 hours per week to work on this course.
2. Ask questions! See the Getting Help section of this syllabus.
3. Read the textbook and take advantage of the other resources in Canvas.
4. Start the homework long before it is due. It is best to submit the homework before attempting the online quizzes.

REQUIRED MATERIALS FOR MATH 10

- **TEXTBOOK:** *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> .
- **CANVAS:** deanza.instructure.com (not available until the start of the term. Free.) Used for links to lectures and videos, keeping track of your grades, taking online quizzes, and for uploading projects. Your top 10 online quiz scores count towards your final grade.
- **WEBASSIGN:** To access **WEBASSIGN ONLINE HOMEWORK** (Not available until start of the quarter. Costs about \$35.) Follow the links to WebAssign in Canvas.
- **CALCULATOR:** TI-83+ or TI-84+. Must be a physical calculator, not an app on your phone, etc.
- **4 SCANTRONS:** 4 long brown scantrons - #2052 at the college bookstore counter.

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. Your 10 highest **Webassign** homework scores count towards your final grade. **NO EXTENSIONS WILL BE GRANTED. Doing the homework before taking the quiz is best. Each homework question may be submitted up to 5 times.**

Technology Based Activities/Projects

Projects make use of the TI graphing calculator, and may be done groups of up to four members. Turn in one copy with all of the group members' names on the top. If I cannot open your attachment, your grade is 0. If you send me more than one attachment, I will print and grade ONLY ONE of them (my choice). **Late papers will receive a grade of 0.** Projects due same day as an exam may be handed in at the beginning of the exam with all pages STAPLED, or uploaded as a SINGLE attachment (a single file, NOT a folder with several files) into Canvas. Projects not due same day as an exam must be uploaded as a SINGLE attachment into Canvas.

Quizzes

There are 14 **online** quizzes in Canvas. Your 4 lowest online quiz scores will be dropped, this also takes into account any technical difficulties you may have. NO EXTENSIONS WILL BE GRANTED.

Exams

Three Midterm Exams and one Final Exam will be given during the quarter. 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 3 exam scores (out of the 4 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 at the given time, 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.

Exam Behaviour

PLEASE be respectful of other students. During an exam, **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, even on vibrate mode, your exam must be turned in immediately and you may receive a 0 for the exam. 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 assignment and will be reported to college authorities.

Topics to Skip

Please skip the following topics.

Chapter 3: Venn Diagrams

Chapter 4: Geometric, Hypergeometric, Poisson

Chapter 7: Central Limit Theorem for Sums

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

Chapter 13: Test of Two Variances

Getting Help

- Tutoring is available both on-campus and online. See <http://deanza.edu/studentsuccess/mstrc/>
- Post questions in the Discussion section in Canvas.
- Visit me during my office hours: **TUESDAY 11:15am - 12:30pm in S 76 F.**
- Email me at markuslisa@fhda.edu (expect reply by end of next school day)

Grades

Type	Description	Maximum Points
4 Exams (3 midterms plus final)	Top 3 out of 4 @ 100 points each	300
Final Exam *	100	100
Online Quizzes	14 @ 10 points each, 4 lowest dropped	100
Projects	4 at 30 points each, 1 lowest dropped	90
WebAssign online homework	13 @ 10 points each, 3 lowest dropped	100
Online introduction	10 points	10
TOTAL		700

*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%

Tentative Calendar Winter 2017
See Canvas for due dates and times

Week starting 9 January	<input type="checkbox"/> Online Orientation Quiz in Canvas by Wednesday 11:55pm You will be dropped from the course if you do not attempt the Orientation Quiz by 11:55pm on Wednesday 11 January
Week starting 16 January	<input type="checkbox"/> WebAssign HW Chp 1 <input type="checkbox"/> Canvas Quiz Chp 1 <input type="checkbox"/> Online Introduction – see Canvas for instructions
Week starting 23 January	<input type="checkbox"/> WebAssign HW Chp 2 <input type="checkbox"/> Canvas Quiz Chp 2
Week starting 30 January	<input type="checkbox"/> Exam 1 5:30 - 6:30pm Admin 101 Chapters 1, 2 & 3 <input type="checkbox"/> Project 2 due <input type="checkbox"/> WebAssign HW Chp 3 <input type="checkbox"/> Canvas Quiz Chp 3
Week starting 6 February	<input type="checkbox"/> HW Chp 4 <input type="checkbox"/> Canvas Quiz Chp 4
Week starting 13 February	<input type="checkbox"/> WebAssign HW Chp 5 and 6 <input type="checkbox"/> Canvas Quiz Chp 5, 6
Week starting 20 February	<input type="checkbox"/> Exam 2 5:30 - 6:30pm Admin 101 Chapters 4, 5, 6 & 7 <input type="checkbox"/> Project 7 due <input type="checkbox"/> WebAssign HW Chapter 7 <input type="checkbox"/> Canvas Quiz Chapter 7
Week starting 27 February	<input type="checkbox"/> WebAssign HW Chp 8 <input type="checkbox"/> Canvas Quiz Chp 8
Week starting 6 March	<input type="checkbox"/> WebAssign HW Chp 9 <input type="checkbox"/> Canvas Quiz Chp 9
Week starting 13 March	<input type="checkbox"/> Exam 3 5:30 - 6:30pm Admin 101 Chapters 8, 9 & 10 <input type="checkbox"/> Project 9 due <input type="checkbox"/> WebAssign HW Chp 10 <input type="checkbox"/> Canvas Quiz Chp 10
Week starting 20 March	<input type="checkbox"/> WebAssign HW Chp 12 <input type="checkbox"/> Canvas Quiz Chp 12
Week starting 27 March	<input type="checkbox"/> FINAL EXAM 5:30 - 7:30pm Admin 101 Chapters 1 - 13 <input type="checkbox"/> Project 12 due <input type="checkbox"/> WebAssign HW Chp 11, 13 <input type="checkbox"/> Canvas Quiz Chp 11, 13

Alternative Exam Policy

If you cannot take the exams on the official dates/times/place you may **REQUEST to take the exam elsewhere:**

If you wish to take the exam at an alternative day/time, you must have **COMPLETED** the following with me at least **ONE WEEK** in advance of the official day for **EACH** exam.

1. You may ONLY take the exam on Monday or Tuesday of the official exam week.

2. Please be sure to provide me the following information in a SINGLE email:

- ✓ **Place* you are requesting to take the exam.**
- ✓ **Name, phone and email of a contact person.**
- ✓ **Day and time of your appointment for each exam.**

* The place **must** be at a member of the Consortium of College Testing Centers OR a US Forces base OR San Jose State University's proctoring center. See <http://www.ncta-testing.org/cctc/> for a list of testing centers, and also check San Jose State University at <http://testing.sjsu.edu/proctor/>

3. I will contact the testing center **within 1 school day of you contacting me, to confirm that you have an appointment and that I have the correct contact information.**

4. I must have **received a response from the testing center at **least ONE week** in advance of the official exam. (This means before 5:30 pm Cupertino Time on Tuesday of week 3 for the first exam.)**

If these arrangements are not **completed 1 week** in advance, your options are either to take the exam with the class at the scheduled time on campus or to miss the exam and receive a grade of 0. ("**Completed**" includes me getting a response from the testing center, so if you email me the details as late as Tuesday of week 3, you will NOT be able to take the first exam elsewhere.)

Completed exams and the solution sheet must be **emailed** to me by your testing center by noon of the following day. Any late work will receive a grade of 0.

NOTE: You are **REQUESTING an alternate exam day and time. I am under NO obligation to allow exams elsewhere. I will strictly adhere to the timelines above.**