



STAT C1000.67Z – Introduction to Statistics Asynchronous Online Classes

Fall 2026

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Office hours: Tuesday, 3:00 – 4:00 PM, online via Zoom (check Canvas for instructions)

This is an **asynchronous** online class that does not have scheduled meetings. You can study the assigned course materials and complete the assignments via Canvas course management system and WebAssign at your own pace by meeting weekly deadlines. You can access Canvas via MyPortal as you are enrolled in the course or using direct link [Dashboard \(instructure.com\)](https://instructure.com) with your MyPortal login credentials. We will communicate via Canvas Inbox, discussion board, and emails. Check Canvas announcements periodically.

Information about Canvas and Online Education Orientation can be found on Canvas on the Student Resources page: [Student Resources \(instructure.com\)](https://instructure.com). The Student Online Resources hub with extensive information and tips can be found at [Online Learning Resource Hub for Students \(deanza.edu\)](https://deanza.edu).

Course Description

Part 1: This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Part 2: This course is also an introduction to data analysis, making use of graphical and numerical techniques to study patterns and departures from patterns. The student studies randomness with an emphasis on understanding variation collects information in the face of uncertainty, checks distributional assumptions, tests hypotheses, uses probability as a tool for anticipating what the distribution of data may look like under a set of assumptions, and uses appropriate statistical models to draw conclusions from data. The course introduces the student to applications in engineering, business, economics, medicine, education, social sciences, psychology, the sciences, and those pertaining to issues of contemporary interest. The use of technology (computers or graphing calculators) will be required in certain applications. Where appropriate, the contributions to the development of statistics by men and women from diverse cultures will be introduced. This Statistics course is a required lower-division course for students majoring or minoring in many disciplines, such as data science, nursing, business, and others.

Requisites

- *Prerequisite:* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.
- *Advisory:* ESL 272 and ESL 273, or ESL 472 and ESL 473, or eligibility for ENGL C1000 or ENGL C1000H or ESL 5
- *Limitation on enrollment:* Not open to students with credit in the Honors Program related course.

Textbook

Barbara Illowsky and Susan Dean, *Introductory Statistics*, OpenStax College.

- This is an open source textbook which is available through our Canvas course and free online: <https://openstax.org/books/introductory-statistics/pages/1-introduction>
- Printed edition can be purchased or rented at the DeAnza College bookstore.

Supporting Textbook

Maurice A. Geraghty, *Inferential Statistics and Probability-A Holistic Approach*, De Anza College, 2018.
<http://nebula2.deanza.edu/~mo/holistic/HolisticStatisticsCurrent.pdf>

Calculators and Computer Software

- TI-83 PLUS, TI-84 or TI-84 PLUS graphing calculator is recommended for this course or the equivalent one.
- You can use online calculator via website as DESMOS (<https://www.desmos.com>) or GeoGebra (<https://www.geogebra.org>) for the homework and group activities.

Weekly course lectures and assignments, and other resources, grades and announcements will be published on our Canvas course (<https://deanza.instructure.com>).

Homework (HW)	• Homework must be completed online using WebAssign. • You need a Class Key and Access Code for WebAssign. • CLASS KEY to register on WebAssign WILL BE SENT TO YOU BY EMAIL. • You must self-register at http://www.webassign.net to use WebAssign. • ACCESS CODE can be purchased online after signing in to WebAssign or through De Anza College bookstore. • WebAssign is FREE for two (2) weeks of the quarter only. • After the due date/time, HW cannot be submitted for credit. • After the due date/time, the answer key is available online. • There are thirteen (13) chapter homework assignments which are distributed between ten (10) homework due dates. • The lowest homework grade will be dropped. • There will be ungraded homework assignments from the textbook.
Group Work and Discussions (GWD)	• Group work and discussions will be assigned at random throughout the course. • GWD must be completed in groups of at most four. • Topics and details will be discussed on Canvas. • Due date will be announced. • Group Work is graded based on group discussions, problem solving, and analysis. • It is your responsibility to join group discussions not to miss any point.
Quizzes (Q)	• Quiz must be completed in WebAssign, and all work details must be submitted on Canvas. • Quiz is based on classwork and homework problems. • It is recommended to have one sheet of notes ready. • NO MAKE-UP QUIZZES are given. • Missed quiz is graded as a zero (0). • The lowest quiz score will be dropped.
Exams & Final Exam (EX, FE)	• There are four (4) examinations completed in WebAssign, and all work details must be submitted on Canvas. • EX 1, 2 & 3 are one hour each, and the Final exam is two (2) hours. • EX 1, 2 & 3 and the FE dates are on the course schedule. • It is recommended to have ready one sheet of notes for Exams 1,2&3, and two sheets of notes for the final examination. • There are NO MAKE-UP examinations. • An absence from any examination earns a grade of zero (0). • You MUST take the final exam to pass the course. Follow the course schedule and check the announcements for the details on Canvas.

Grading

Students will be graded on homework (HW), group work and discussions (GWD), quizzes (Q), and exams (EX1, 2 & 3, FE). Grading depends on the clarity of work, interpretations, accuracy and completeness of graphs, analysis and explanations, as well as numerical answers.

Distribution of weights for each category

Category	% Weight on Final Grade
Homework	10 %
Quiz	10 %
Group Work/Discussions	15 %
Exam 1	15 %
Exam 2	15 %
Exam 3	15 %
Final Exam	20 %

Grading Scale

			A	94-100		A-	90-93
B+	87-89		B	83-86		B-	80-82
C+	77-79		C	70-76		D	60-69
						F	<60

Important Dates and Deadlines

<https://www.deanza.edu/calendar/>

Monday	September 21	First day of Fall 2026
Sunday	October 4	Last day to add classes
Sunday	October 4	Last day to drop classes with no record of "W" Last day to drop classes for full refund or credit
Thursday	November 11	Veterans Day holiday, no class
Friday	November 13	Last day to drop classes with a "W"
Thursday-Friday	November 26-27	Thanksgiving holiday, no classes
Tuesday	December 8	Final examination

Online Education Center

- [Student Resources \(deanza.edu\)](#): The Online Education Center is committed to providing students with the support they need to successfully access and use Canvas, our course management system.
- [Staying Organized](#): This webpage has advice for planning and staying on top of your online coursework.
- [Canvas Help](#): Need technical support with Canvas? This page has information on how to get help.

California Virtual Campus

- [Get Ready for Online Learning](#): This website has videos about getting "tech ready," managing your time, communicating with instructors and more.

Student services and support

[Your Guide to the Quarter](#)

- Tutoring and Library Help
- Computers and Tech Products
- Internet Access
- Food and Financial Assistance
- Health and Psychological Services

Attendance, Drops or Withdrawals

- Regular online attendance is essential for success in the course.
- You must not miss a class in the first week of the quarter or you will be dropped.
- It is the student's responsibility to drop or withdraw from this course by the college deadlines.

Academic Honesty and Discipline Policy[Academic Integrity](#)

Students are expected to abide by the DeAnza College Code of Conduct and not participate in academic dishonesty.

Student Success Center[Math, Science & Technology Resource Center](#)

Hours of online Zoom Tutoring Center are Monday to Thursday 9:00-6:00 PM and Friday 9:00 AM-12:30 PM.

The SSC provides free tutoring services such as individual, drop-in, groups, in-class and workshops.

Disability Support Services

Students with disabilities who qualify for academic accommodation must provide a notification from the Disability Support Services (DSS) and discuss their specific needs with the instructor at the beginning of the quarter.

[Disability Support Services](#)

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) please contact Disability Support Services (DSS).

Phone number: (408) 460-7681

Email: dss@deanza.edu

Tentative Schedule

		Assignments
Week 1	Sept. 21 – Sept. 27 Syllabus/Chapters 1&2 Sampling and Data; Descriptive Statistics	HW Ch.1
Week 2	Sept. 28 – Oct. 4 Chapters 2&3 , Descriptive Statistics; Probability Topics	HW Ch.2, Quiz 1
Week 3	Oct. 5 – Oct. 11 Chapters 3&4 , Probability Topics; Discrete Random Variables	HW Ch.3, Quiz 2
Week 4	Oct. 12 – Oct. 18 Chapters 4&5 , Continuous Random Variables	HW Ch.4 Exam 1 (one hour): Chapters 1-4 (October 15)
Week 5	Oct. 19 – Oct. 25 Chapters 6&7 , Normal Distribution; Central Limit Theorem	HW Chs.5&6, Quiz 3
Week 6	Oct. 26 – Nov. 1 Chapter 8 , Confidence Interval	HW Ch.7, Quiz 4
Week 7	Nov. 2 – Nov. 8 Chapter 9 , Hypothesis Testing with One Sample	HW Ch.8 Exam 2 (one hour): Chapters 5-8 (November 5)
Week 8	Nov. 9 – Nov. 15 Chapter 10 , Hypothesis Testing with Two Samples	HW Ch.9, Quiz 5
Week 9	Nov. 16 – Nov. 22 Chapters 11, 12 , Chi-Square Distribution	HW Chs.10&11, Quiz 6
Week 10	Nov. 23 – Nov. 29 Chapter 12 , Linear Regression and Correlation; Exam 3 (one hour): Chapters 9-11 (November 24)	November 26-27 Thanksgiving Holiday
Week 11	Nov. 30 – Dec. 6 Chapter 13 , Review Problems F-Distribution and One-Way ANOVA	HW Chs.12&13
Week 12		December 8 Final Exam (two hours): Chapters 1-13

- Any schedule changes will be announced on Canvas. Students are responsible for keeping track of updates posted there.
- Group work and Discussions** will be assigned on random weekdays, and the corresponding due dates will be announced on Canvas.
- Quizzes** are 30 minutes, **Examinations 1, 2, and 3** are each one hour, and the **Final Examination** is a two-hour timed assessment, and they are available from 8:00 AM to 11:59 PM on the scheduled day.

Course materials (syllabus, lecture presentations, quiz/exam answer keys, and additional resources) are uploaded onto *Canvas*. It is accessible to you via MyPortal as you are enrolled in the course.

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 evaluate conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

Office Hours:

3:00 PM - 4:00 PM

Zoom T