

Math 10-25Z, Elementary Statistics and Probability

Instructor: Bijan Sadeghi

CRN: 01523;TTH 6:30 – 8:45 PM

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Office hours: TTh 12:20 – 1:30, Zoom: ID on Canvas

Fall 2021

**Textbook and other material:** Introductory Statistics by Barbara Illowski and Susan Dean. Visit **cnx.org** for free copy, or buy a hard copy at the bookstore.

[www.openstax.org/details/introductory-statistics](http://www.openstax.org/details/introductory-statistics)

**Scientific Calculator.** The TI-83/83+/84 graphic calculator is required.

**Prerequisite:** Passing grade (C or better) in Intermediate Algebra or placement exam; advisory: English writing 100 and reading 1009 or language Arts 100), or English as a second language equivalent courses.

**TO ACCESS WebAssign ONLINE HOMEWORK:** <http://www.webassign.net>

**Your Class Key is: deanza 2650 5035**

**NOTE: if you already have a WebAssign user name and password from a previous course, try those first. Still use "deanza" as the institution, even if your account was from a different college.**

**Please change your password as soon as you sign in the first time.**

**Please note that the textbook is free, but there is a \$33 charge for WebAssign. There is a two-week grace period for paying. You can pay by credit card or PayPal online.**

**Homework: The homework is mandatory. The Homework will be available and graded online at WebAssign.**

### Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the Quarter. To begin the reasonable accommodations process, I will need to fill out a request form from the Disabilities Support Services (DSS). For more information, please visit the DSS office at SCSB 141, call (408) 864-8753 / (408) 864-8748 TTY, or go to [www.deanza.edu/dss](http://www.deanza.edu/dss).

Percentage	Grade	percentage	Grade	
	Homework	200 points	[95-100]	"A+" ; [90-95] "A"
	Exams (2)	200 points	[88-90]	"A-" ; [85-88] "B+"
	Quizzes	100 points	[80-85]	"B" ;[77-80] "B-"
	<u>Final Exam</u>	<u>200 points</u>	[72-77]	"C+" ;[65-72] "C"
	Total	700 points	[61-65]	"D+" ;[57-61] "D"
			[55-57]	"D-" ; [0-55] "F"

- Oct. 2        Last day to add classes
- Oct. 3        Last day to drop classes for full refund
- Oct.3        Last day to drop classes without a "W"
- Nov. 12      Last day to drop classes with "W"

<b>Sept.</b>	<b>21</b>	<b>Ch. 1</b>	<b>23</b>	<b>Ch.2</b>	<b>28</b>	<b>Ch.2</b>	<b>30</b>	<b>Ch.3</b>
<b>Oct</b>	<b>5</b>	<b>Ch.3</b>	<b>7</b>	<b>Ch.4</b>	<b>12</b>	<b>Ch. 4</b>	<b>14</b>	<b>Test 1 (1 – 3)</b>
<b>Oct.</b>	<b>19</b>	<b>Ch. 5</b>	<b>21</b>	<b>Ch.6</b>	<b>26</b>	<b>Ch.7</b>	<b>28</b>	<b>Test 2 (4 – 7)</b>
<b>Nov.</b>	<b>2</b>	<b>Ch.8</b>	<b>4</b>	<b>Ch.9</b>	<b>9</b>	<b>Ch.9</b>	<b>11</b>	<b>Ch.10</b>
<b>Nov.</b>	<b>16</b>	<b>Ch.12</b>	<b>18</b>	<b>Ch. 13</b>	<b>23</b>	<b>Ch. 13</b>	<b>25</b>	<b>Thanksgiving</b>
<b>Nov./Dec.</b>	<b>30</b>	<b>Ch. 11</b>	<b>Dec. 2</b>	<b>Review</b>	<b>7</b>		<b>9</b>	<b>FINAL EXAM 6:15 PM-8:15 PM</b>

**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.