## STAT 7 ELEMENTARY STATISTICS

# SUMMER 2016 SYLLABUS

(Tentative)

![MCj02371730000[1]]()

## MR. Everett M Sandoval, MBA

## INSTRUCTOR

**Email:** everett.sandoval@reedleycollege.edu

**Website:** http://isinstruction.com\stat7

**Office:** BE 48B

**Phone:** 638-3641 Ext. 3267

**Text:**

Statistics (Selected Chapters from Statistical Techniques in Business &

Economics, 15/e), Lind, et al

**OUTLINE:**

* Introduction to Statistics
* Describing, Exploring, and Comparing Data
* Probability (Fundamentals and Counting)
* Probability Distributions
* Normal Probability Distribution
* Estimates and Sample Sizes
* Hypothesis Testing – One Sample
* Hypothesis Testing – Two Samples
* Analysis of the Variance
* Correlation Analysis/Regression
* Nonparametric Methods

**LECTURES**

Each chapter will be introduced to the student in a lecture format. Students should read each chapter prior to the instructor’s lecture. The instructor has provided the students with an online lecture that focuses on that chapter’s objectives. These online lectures are not designed to replace in-classroom lectures. ***See Instructor’s Website instructions***.

**HOMEWORK**

Students will be assigned homework for each chapter. Homework will be completed and turned-in the day of that chapter’s Test.

(See the *tentative course schedule* for homework assignments)

**TESTS**

Students can expect a test on one or more chapters about every other day. So it is important to attend class on a regular basis. The Final will be worth two (2) regular tests.

**GRADING**

Your final grade will be dependent on exams, homework, and participation.

 Exams 80%

 Homework & Participation 20%

Final grades will be based on the following scale:

 90%-100% A

 80%-89% B

 70%-79% C

 60%-69% D

 Below 60% F

**CLASSROOM BEHAVIOR:**

Food, beverages, and chewing gum are not allowed in the classroom at any time. Anyone who chooses to bring food, beverages, or chewing gum into the classroom will be asked to leave the class. Cellular phones must be turned off. Pagers must be set on quiet mode.

**REQUIRED ITEMS:**

The text is required and should be brought to class every session. A calculator (with memory keys) will be needed and should also be brought to every class session.

Students are also advised to purchase a notebook to bring to class.

**ATTENDANCE:**

At the instructor’s discretion, you may be dropped if you miss ***two*** class meetings during the first week of the semester.

### NO MAKE-UP EXAMS:

All Exams must be completed on time. There will be no make up Exams. Any student may request to take a test prior to the exam day.

**ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES**

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 or the Rehabilitation Act, please contact the instructor as soon as possible.

### LAST DAY TO DROP THIS COURSE: TBA

# TENTATIVE COURSE SCHEDULE

|  |  |  |  |
| --- | --- | --- | --- |
| ***Week*** | ***Day*** | ***Chapter*** | ***Homework*** |
| 1 | M | Chapter 1  | Pg 14– Ex: all even Pg 16 -17 Ex: 6,8,9 & 13 |
|  | M | Chapter 2 | Pg 28 & 29, 35 - 36 & 41 - 42 – all even |
|  | T | ***Test (Ch 1 & 2)*** |  |
|  | T | Chapter 3  | Pg 62, 64, 67 - 68 – all even |
|  | W | Chapter 3 | Pg 79, 82, 87, 91 - 92 – all even |
|  | W | Chapter 4 | Pg 109 -110, 115-116,118- 119 & 123 & 127 - 128– all even |
|  | TH | ***Test (Ch 3 & 4)*** |  |
|  | TH | Chapter 5 | Pg 152 - 153, 158 - 159 – all even |
| 2 | M | Chapter 5 | Pg 166 - 167, 176– all even |
|  | M | ***Test (Ch 5)*** |  |
|  | T  | Chapter 6 | Pg 193 - 195, 201 - 204 – all even |
|  | W | Chapter 6 | Pg 212– all even |
|  | TH | ***Test (Ch 6)*** |  |
|  | TH | Chapter 7 | Pg 226 - 227, 233 – all even |
| 3 | M | Chapter 7 | Pg 236, 237, 239, 241-242– all even |
|  | T | Chapter 8 | Pg 278 – 279 & 286 – all even |
|  | W | Chapter 8 | Pg 289 – all even |
|  | W | ***Test (Ch 7 & 8)*** |  |
|  | TH | Chapter 9 | Pg 305 - 306 – all even |
| 4 | M | Chapter 9 | Pg 316, 320 – all even |
|  | T | Chapter 10 | Pg 347 - 348, 352 - 353– all even |
|  | W | Chapter 10 | Pg 355 - 356, 359– all even |
|  | TH | ***Test (Ch 9 & 10)*** |  |
|  | TH | Chapter 11 | Pg 377 - 378, 381 - 382– all even |
| 5 | M | Chapter 11 | Pg 387-388, 391, 398 - 399– all even |
|  | T | Chapter 11 |  |
|  | T | ***Test (Ch 11)*** |  |
|  | W | Chapter 17 | Pg 654 - 655, 659, 365, 671– all even |
|  | TH | Chapter 17 |  |
|  | TH | ***Test (Ch 17)*** |  |
| 6 | M | Chapter 12 | Pg 415-416, 425 - 426– all even |
|  | T | Chapter 13 | Pg 471 – 472 – all even |
|  | W | ***Test (Ch 12 &13)*** |  |
|  | TH | ***Final*** |  |

# Instructor’s Website Instructions

As was mentioned previously, students can receive more instruction from the Instructor’s website. There are lectures on selected chapters that the students can listen to on most computers. If you have a problem accessing the Internet or have a slow connection (dial-up), you can ask me for the lecture files. If you don’t have a computer, I would suggest you make time to visit the campus library. Additionally, students can view their grades to follow their progress in class.

Follow these steps to access lectures and grades:

Open your web browser

Enter the following address: isinstruction.com\stat7

For lectures, select the ***Presentations*** option.

Click the lecture you wish to hear.

For grades, select the ***Grades*** option

Your grade will be in the row that your Student ID appears.

For any questions, please contact me.