

**STAT 220 - Statistics in Modern Society
Fall 2014**

COURSE SYLLABUS

Instructor: Catherine Robinson
Instructor's Office : 130 Tyler Hall
Office Hours: M W 10:00 – 11:30 am
& by appointment
Telephone Office: 874 -2701
Email: catherine@cs.uri.edu

Recitation Sections: **Recitation R01**
M 12:00 – 12:50 pm, Wales Hall 224
Recitation R02
F 12:00 - 12:50 pm, Wales Hall 224
Recitation R03
M 11:00 - 11:50 am, Morrill Hall 215
Recitation R04
F 9:00 - 9:50 am, Kelley Hall 102

Teaching Assistant: Joseph Ackaway
TA's Office: Tyler 129
Office Hours: T 11:00 -12:00 pm, F 1:00 - 2:00 pm
or by appointment
Email: jofred52@my.uri.edu

Classroom: Chafee Social Science Center 271

Meeting Time: M W 9:00 am - 9:50 am

Textbook: Intro Stats + My StatLab, 4th Ed Hard
Bound Version Bundle
De Veaux, Velleman and Bock
Pearson, 2014
ISBN 9780321891242

-OR-

Intro Stats + My StatLab, 4th Ed, Looseleaf
Version Bundle
De Veaux, Velleman and Bock
Pearson, 2014
ISBN 9780321869852

-OR-

Purchase My StatLab access code only through publisher
(Will provide online access to the E-book)
Need credit card to purchase through www.coursecompass.com

Course Objectives:

- To emphasize statistical literacy
- To develop statistical thinking
- To gain and appreciation for quantitative analytical skills
- To recognize common usage and limitations of basic descriptive statistics
- To gain written analytical skills

Assignments and Grading Policy:

Attendance	5%
Online Assignments	15%
Project	20%
Exam 1	30%
Exam 2	30%

Final Grade Scale (rounded to nearest integer)

A	94 - 100
A-	90 - 93
B+	87 - 89
B	83 - 86
B-	80 - 82
C+	77 - 79
C	73 - 76
C-	70 - 72
D+	65 - 69
D	60 - 64
F	Below 60

Online Assignments

You will NEED your own access code to complete and submit assignments

Need to register at www.coursecompass.com - See additional handout
Course ID is **robinson85994**

You will need a valid e-mail address. This is how I will be in contact with you throughout the semester. Be sure to correctly enter your e-mail address the first time!

Class Notes

- Power point handouts of the notes will be provided **ONLY for the first three weeks of the semester**. For classes starting on the fourth week of the semester (22 September and after), it is the responsibility of the students to print their own set of notes. Class notes will be posted on SAKAI under **Resources/Lecture Notes**.

SAKAI

Student's class notes, handouts, practice exams and answer keys to practice exams will be posted on SAKAI. A link to COURSECOMPASS will be provided under the heading **Resources/Homework Assignments**.

Software

Most topics will be illustrated using a combination of Excel (Microsoft Office) and StatCrunch (would have access through Course Compass).

Calculator

It is recommended that you have a calculator to use for the class and during exams.

The use of cell phones, iPads, iPods, MP3 players, etc., **WILL NOT** be permitted during class and exams.

Additional Assistance

If you require special assistance, please notify me as soon as the semester starts - I need an official letter from the Disabilities Office.

You are required to notify me a couple of days prior to any special requirements so I can make the proper arrangements (i.e. exams).

Classroom Etiquette

Cell Phones

There will be NO cell phone use during class. If I see or hear your cell phone, I will ask you to leave the classroom and mark you absent for the day. If I see a cell phone during an exam, a failing grade will be assigned for that exam.

Talking

There will be NO talking during class. If you are disrupting the class, I will ask you to leave and you will be marked absent for the day.

Grading Policy

- **Late assignments**

Assignments will be ONLINE assignments and will have a strict deadline. Any assignment completed after the deadline ***for any reason will incur a 50% penalty***. Make sure you take advantage of the ample time to do assignments and submit them before the deadline!

- **Exams**

If a student knows before hand that she/he will not be able to take an exam the day it is officially scheduled for, it is the responsibility of the student to make arrangements to take the exam **prior** to the day the exam is given to the class. In case of having to miss an exam because of circumstances beyond your control, make sure you contact the class professor to discuss alternatives.

- **Incomplete Grades**

The University Policy regarding incomplete grades follows:

“A student shall receive a report of **Incomplete** in any course in which the course work has been passing up until the time of a documented precipitating incident or condition, but has not been completed because of illness or another reason which in the opinion of the instructor justifies the report. (Section 8.53.20 University Manual).”

I would not consider granting an Incomplete grade unless the University policy is fulfilled.

COURSE OUTLINE AND READING ASSIGNMENTS

TOPIC	READING
1. Introduction: What is Statistics, Data, Variables	Chapter 1
2. Displaying and Describing Categorical Data	Chapter 2
3. Displaying and Summarizing Quantitative Data	Chapter 3
4. Understanding and Comparing Distributions	Chapter 4
5. The Std Deviation as a Ruler & the Normal Model	Chapter 5
6. Scatterplots, Associations & Correlation	Chapter 6
7. Linear Regression	Chapter 7
8. Regression Wisdom	Chapter 8
9. Probability	
9.1 From Randomness to Probability	Chapter 12
9.2 Probability Rules	Chapter 13