

STA 308 - Introductory Statistics Fall 2014

SAKAI will be used for this class

Instructor: Catherine Robinson
Classroom: East Hall Auditorium
Meeting Time: 9:30 - 10:45 am
Instructor's Office : 130 Tyler Hall
Office Hours: M W 10:00 - 11:30 am
or by appointment
Telephone Office: 874 - 2701
Email: Catherine@cs.uri.edu

Teaching Assistants:

Meeting Times:

Recitation R05: 3:00 - 3:50 pm **M** Wales Hall 224
Recitation R07: 3:00 - 3:50 pm **W** Washburn Hall 308
Teaching Assistant: Craig Krebsbach
Office Hours: 2:00 – 3:00 pm M & W
Office: 132 Tyler Hall
Email: Craigmk@my.uri.edu

Recitation R06: 3:30 - 4:20 pm **Tu** Pharmacy room 240
Recitation R08: 3:30 - 4:20 pm **Th** Crawford Hall 221
Teaching Assistant: Zonghao Zhu
Office Hours: 1:00 – 2:00 Tu & Th
Office: 132 Tyler Hall
Email: zonghaozhu@my.uri.edu

Textbook:

Introductory Statistics, **Ninth Edition** (7th?, 8th?)
Neil A. Weiss
Addison-Wesley, 2011
(Two copies of the 9th Edition of the textbook is on closed reserve at the library)

Course Objectives

- To emphasize statistical literacy and develop statistical thinking
- To learn some simple statistical techniques
- To apply these techniques in describing and analyzing data
- To recognize their common usage and limitations
- To gain an appreciation for quantitative analytical skills.

Assessment and Grading

Attendance Recitation	5%
Assignments	15%
Exam 1	20%
Exam 2	25%
Final Exam	35%

Grading Policy

- **Recitations - Attendance**

This is now a 4 credit class so additional topics -Excel instruction- will be covered in recitations. Each assignment will have an excel question so recitations attendance is compulsory. Attendance will be taken in every recitation class and it accounts for 5% of your final grade.

- **Late assignments**

There will be 10 assignments in the semester; nine will be graded and an answer key will be provided for the last assignment in the semester. Each assignment has the same weight and will be graded on a scale of 0-10. If a student is late in handing in an assignment, there will be a late assignment penalty of 50% unless it has been previously agreed / approved by the instructor. See attached timetable for due dates and information as to date for final exam. **NO EXTRA CREDIT IS AVAILABLE IN THIS CLASS.**

- **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.

No make up exams! If the student is unable to take an exam for any reason beyond her/his control, the reason/proof should be discussed/provided with/to the instructor. **If consent is given to missing an exam, the final exam will be worth the additional percent. That is, if consent is given to miss exam 1, the final exam will be worth 55% and if exam 2 is missed then the final exam will be worth 60% of the total grade.**

- **Final Grading Scale**

A	93%	-	100%
A-	90%	-	92%
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	0%	-	59%

Note: Final grade will be rounded to nearest integer.

- **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.

Software

Excel will be used in this class. The add-in Analysis ToolPak (comes with Microsoft Office) for PCs and StatPlus (free download) for Macs will need to be installed in your personal computers. Instructions as to how to install the add-ins and how to use Excel to perform basic statistical analysis will be given in recitations.

Calculator

It is recommended that you have a calculator to use for the class and exams. Cell phone, ipads, ipods, mp3s, etc. use WILL NOT be permitted during class and 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.

Illness Due to Flu

If any of us develop flu-like symptoms, we are being advised to stay home until the fever has subsided for 24 hours. If you exhibit such symptoms, please do not come to class. Notify me of your status -via email-, and we will communicate through email and Sakai. We will work together to ensure that course instruction and work is completed for the semester.

Simple methods to avoid transmission of Flu include: covering your mouth and nose with tissue when coughing or sneezing; frequently washing or sanitizing your hands; avoid touching your eyes, nose, and mouth and staying home when you are sick.

COURSE OUTLINE AND READING ASSIGNMENTS

TOPIC	READING
Introduction	Chapter 1
Descriptive Statistics	Chapters 2 & 3
Probability	Chapter 4
The Normal Distribution	Chapter 6
Statistical Inference (Decision Making)	
▪ Sampling Distribution of mean	Chapter 7
▪ Estimation and tests for one population mean	Chapters 8 & 9
▪ Inference for two population means	Chapter 10
▪ Inference for population proportions	Chapter 12
▪ Regression Analysis (Overview)	Chapter 14 & 15