

22 QA 281

Business Statistics I, 4 UG Credit

Instruction: T, TH 12:00-1:15pm Lindner 112

Recitation: Friday 12-12:50pm (Sections 1,3,5,7)

Friday 1-1:50pm (Sections 2,4,6)

Sections 1&2, RM 214; 3&4, 217; 5&6, 218; 7, 219

Spring 2011-2012

Instructor:

Dr. Yan YU

Office: 527 Lindner Hall

Office Hours: T TH 1:15pm-2:15pm

And by appointment

Email: Yan.Yu@uc.edu

Phone: 556-7147

Web Page: <http://www.blackboard.uc.edu>

Head TA:

Feng MAI, PhD student

Office: 312 Lindner Hall

Office Hours: MW 11am-12pm

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Phone: 556-7196

Recitations

TA (Sections 1 & 2): Feng MAI

Email: maifg@mail.uc.edu

Section 1, Friday 12-12:50pm, Lindner 214

Section 2, Friday 1-1:50pm, Lindner 214

TA (Sections 3 & 4): Ole Jacobsen

Email : Olejacobsen4@gmail.com

Section 3, Friday 12-12:50pm, Lindner 217

Section 4, Friday 1-1:50pm, Lindner 217

TA (Sections 5 & 6): Jason Bruemmer

Email: bruemmjk@mail.uc.edu

Section 5, Friday 12-12:50pm, Lindner 218

Section 6, Friday 1-1:50pm, Lindner 218

TA (Section 7):

Valerie Schneider

Email: vschneider21@gmail.com

Section 7, Friday 12-12:50pm, Lindner 219

Prerequisites: Math 226, 227

Text: Statistics for Business and Economics (w/Access Card), 11th edition, REVISED, by Anderson, Sweeney, and Williams, South-Western Cengage Learning, Mason, Ohio. ISBN-13: 978-0538481649

Software: Excel, Microsoft.

Grading:	Exam 1	100 points	30%
	Exam 2	100 points	30%
	Homework	18 points	5%
	Computer Homework	15 points	5%
	Exam 3	100 points	30%

Class Notes

Copies of the student version of power point slides used for lecture are available from the course blackboard web page for free. Please print, keep in a binder and bring to class every day for notes taking. It is required that you come to class with class notes.

Exams

Please Bring a Picture ID to each exam.

Please remember your section number. You need to turn in your exam according to your section number accordingly.

All exams will be CLOSED BOOK and CLOSED NOTES. Any necessary formulas and tables will be provided. Calculators will be used during the exam. Calculators may not be shared during the exam.

An unexcused absence from an exam will be recorded as a ZERO. An excused absence will be granted only for an absence that meets both of the following conditions: 1) the instructor is notified PRIOR to the exam or 2) the instructor APPROVES the absence. In the case of an excused absence, the weight of the exam 3 will be increased by the amount of the missed exam. In the case of sudden emergence, the instructor should be notified within 24 hours.

Exam 3 is mandatory for all students.

Computer Assignment and Three Homeworks

One Computer Assignment will be collected at the **beginning** of lab section on **04/20** counting for 15 points. Three homework problem sets will be collected at the **beginning** of lab sections on **04/20, 05/11, 05/25** and each count for 6 points. These homework problems will be posted in the course website about 2 weeks prior to the due dates. Please have a cover page clearly state your section number, last name, first name, and UCID M-numbers. Solutions to the homework problems will be posted in the course web after its due dates. Assignment turned in after the due time will **NOT** be accepted.

Any dispute of grades should be within **one week** that exams/HWs are returned. You need to show the instructor your graded exams/HWs with one paragraph statement of the reason for dispute.

Review Problems

Review problems will not be collected. Answers will be posted in the course website. You are also recommended to work as many exercise problems as necessary in order to prepare for exams. Start with the self-test questions at the end of each chapter. Then do as many of the problems as necessary. If you have questions about these problems I encourage you to utilize lab sections and office hours to get these questions answered. You may ask questions about these problems after class or in my office hours.

Withdrawal Policy

You may withdraw from the class until the drop date, **May 22**.

Incomplete Policy

The university policy will be followed. The I grade will be given only if a student, through no fault of his/her own, is unable to complete the course and has an excused absence from last exam. Students receiving an I grade must contact the instructor during the first week of the following quarter to arrange a method for completing the course.

Honor Policy

Exams will be “closed-book” and are to be the sole work of each student. Anyone cheating or assisting another during an exam will be given a 0 for that exam and possibly a grade of F for the class. College procedures will be followed and the undergraduate dean will be notified. If warranted, additional action will be taken.

LAST DAY TO WITHDRAW FROM CLASS: May 22.

Tentative Schedule

Date	Topic	Sections in Text
03/27	Orientation, Syllabus, Introduction	Chapter 1
03/29	Data & Statistics Descriptive Statistics I	Chapter 1 Chapter 2
03/30 Lab	Orientation, Lab Exercises	
04/03	Descriptive Statistics II	3.1,3.2
04/05	Descriptive Statistics II	3.3,3.4
04/06 Lab	Lab Exercises, Excel	Laptop recommended
04/10	Covariance	3.5,3.6
04/12	Introduction to Probability	4.1
04/13 Lab	Excel Lab	Laptop recommended
04/17	Relationships of Probability	4.2,4.3
04/19	Conditional Probability, Bayes' Theorem, Review	4.4, 4.5
04/20 Lab	Extra Exercises for Chapter 1-4, HW1 Review	Computer HW Due, HW1 Due
04/24	Exam 1	
04/26	Discrete Probability Distribution, Binomial Distribution	5.1,5.2,5.3,5.4
04/27 Lab	Return and Review Exam 1	
05/01	Poisson, Hypergeometric Distribution	5.5
05/03	Uniform, Normal Distribution	6.1,6.2
05/04 Lab	Lab Exercises	
05/08	Normal Distribution	6.2
05/10	Normal Distribution, Exponential Review	6.2,6.3,6.4
05/11 Lab	Extra Exercises for Chapter 5-6, HW2 Review	HW2 Due
05/15	Exam 2	
05/17	Sampling Distribution of \bar{x}	7.1,7.4,7.5
05/18 Lab	Return and Review Exam 2,	

	Extra Exercises for Chapter 7	
05/22 LAST DAY TO DROP	Sampling Distribution of \bar{p} Sampling Methods	7.6, 7.8, 8.1
05/24	Interval Estimation of a Population Mean	8.2, 8.3, 8.4
05/25 Lab	Extra Exercises for Chapter 7-8, HW3 Review	HW3 Due
05/29	Interval Estimation of a Population Proportion, Review	
05/31	Exam 3	
06/01 Lab		