

QA 281H

Business Statistics I

Fall 2011

Time: 12:00 to 1:45 PM, Tuesday & Thursday
Room: Lindner 108
Instructor: Edward P. Winkofsky
E-mail: edward.winkofsky@uc.edu
Office Location: Lindner 309/524
Office Hours: Monday & Wednesday: Noon to 1:00 PM, Tuesday & Thursday: 10:30 AM to 11:30 AM or by Appointment
Phone: 513.556.7179
Mailbox: Lindner 538

- **Course Description**

This course develops fundamental knowledge and skills for applying statistics in business decision making. Topics covered include descriptive statistics, probability and sampling distributions.

- **Text**

Statistics for Business and Economics, Revised 11th Edition, David R. Anderson, Dennis J. Sweeney & Thomas A. Williams, Thomson South-Western (2011)

- **Prerequisites**

Math226, Applied Calculus I
Math227, Applied Calculus II

- **Methodology**

Lectures, Reading, Cases, Homework and Examinations

- **Grading Factors**

Cases	10%
Homework	20%
Mid-term Exams (3)	45%
Final Exam	<u>25%</u>
	100%

Homework is done on-line using Aplia. See Blackboard for registration information.

- **Grade Scale**

90 – 100%	A	70 – 76%	C
87 – 89%	B+	67 – 69%	D+
80 – 86%	B	60 – 66%	D
77 – 79%	C+	Below 60%	F

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- **Cases**

Students will be required to submit a case analysis for most chapters. In addition, each student will be expected to participate on a team that will present one of the cases. Presentations will be limited to 15 minutes and will be presented at the beginning of class. The team will receive a single grade based on the quality of the presentation and the class discussion. The instructor will specify a size limit for the teams.

Tentative Schedule

Date	Material	Aplia Assignments – Due at 8:00 AM	Cases
Sep. 22	Chapter 1		
Sep. 27	Chapter 1	Introduction to Using Aplia Assignments	
Sep. 29	Chapter 2	Data and Statistics	
Oct. 04	Chapter 2		
Oct. 06	Exam	Descriptive Statistics - Tabular and Graphical Presentations	
Oct. 11	Chapter 3		Chapter 2: Case Problem 2
Oct. 13	Chapter 3		
Oct. 18	Chapter 4	Descriptive Statistics – Numerical Measures	Chapter 3: Case Problem 4
Oct. 20	Chapter 4		
Oct. 25	Chapter 5	Introduction to Probability	Chapter 4: Case Problem
Oct. 27	Chapter 5		
Nov. 01	Exam	Discrete Probability Distributions	
Nov. 03	Chapter 6		
Nov. 08	Chapter 6		
Nov. 10	Chapter 7	Continuous Probability Distributions	Chapter 6: Case Problem
Nov. 15	Chapter 7		
Nov. 17	Chapter 8	Sampling and Sampling Distributions	
Nov. 22	Chapter 8		
Nov. 29	Exam	Interval Estimation	
Dec. 01	Review		Chapter 8: Case Problem 3
Dec. 06	Final Exam	1:30-3:30 PM	

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- **Make-up Policy for Exams**

In case of an excused absence from one of the mid-term examinations, the other exams will be given more weight. An excused absence must be approved by the instructor at least 24 hours prior to the exam. Only one excused absence will be granted.

- **Conduct**

Students are expected to conduct themselves in a professional manner and to participate in class. Students may work together on homework, but must submit unique individual responses to the assignments. Any violation of University standards regarding academic dishonesty will result in an F for the course.

- **Extra Credit**

Students may earn extra credit by completing the Teacher Evaluation in CourseEval at the end of the quarter. Proof of CourseEval completion must be provided prior to the Final Exam in order to earn the extra credit.

- **Syllabus Revision Policy**

The instructor reserves the right to revise the syllabus.