

Michael J. O'Hara

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<http://cba.unomaha.edu/faculty/mohara/web/ohara.htm>**Office Hours: by appointment,****before class**, Tues. & Thurs. 11:00 - 11:20 AM**and after class**, T & R 12:45 - 1:00 PM

(after class office hours are in the classroom)

Principles of Business Statistics

Spring 2001

BSAD 2130-004 # 00384 **Tuesday & Thursday 11:30 - 12:45 PM CBA 010 D****COURSE DESCRIPTION:**

BSAD 2130, Principles of Business Statistics. "Emphasizes the function of statistics in business, critical analysis of data sources, accessing data including information technology sources, description statistical measures, probability, probability distributions, sampling, estimation analysis hypothesis testing, and simple regression and correlation. Prereq: MATH 1320 and CSCI 1000." 3 credit hours.

GRADED EVENTS:

A course letter grade of "A" is earned with a total course percentage of 90.0% or more; a "B+" is earned with 85.0% or more; a "B" is earned with 80.0% or more; etc.

10% CLASS PARTICIPATION, homework problems at the board

20% Exam #1, chapters 1 - 3, Thursday, February 8

20% Exam #2, chapters 4 - 6, Thursday, March 8

20% Exam #3, chapters 7 - 9, Thursday, April 19

30% Comprehensive Final Exam, Thursday, May 3

Students who have earned an "A" average on Exams 1, 2, and 3, and Class Participation, exclusive of Extra Credit Points, are excused from taking the Comprehensive Final Exam.

EXTRA CREDIT, maximum of +4%, earned on four pop quizzes.

TEXTS:

1. Anderson, David R., Sweeney, Dennis J., Williams, Thomas A. Statistics for Business and Economics. Seventh Edition. Cincinnati, Ohio: South-Western College Publishing, 1999.
2. **SUGGESTED CALCULATOR:** Hewlett-Packard Business Calculator: **HP-10B**. This calculator is suggested for many CBA courses. Cost is about \$30.

CLASS PARTICIPATION:

Every chapter will be covered over two class periods: a lecture day and a homework day. There will be no graded Class Participation on lecture days. On homework days, students will be randomly called upon to use the black board to complete assigned homework problems. The homework problems will be assigned prior to that chapter's lecture day. Homework days will be graded Class Participation. Class Participation will be grade on the following truncated scale:

100	A+	clearly exceptional and best in class
90	A	clearly exceptional quality
80	B	expected quality
70	C	suspect quality
50	F	failing

EXAMS:

There are four exams, three chapter exams and one comprehensive final. Each chapter exam is worth 20% of the course grade; they are administered on **February 8**, **March 8**, and **April 19**. The Comprehensive Final Exam is worth 30% of the course grade and is administered at the Regent's scheduled final exam time on **May 3**. Students who have earned an "A" average on Exams 1, 2, and 3, and Class Participation, exclusive of Extra Credit Points, are excused from taking the Comprehensive Final Exam.

You may use a calculator during the exams. You may bring to the exam, for your use during the exam, a 4"x6" index card with **handwritten** formulas on it. Prior to each exam, students will have an opportunity to ask last minute questions.

EXTRA CREDIT:

There will be at least four pop quizzes. Each quiz will be graded on the truncated scale of 100%, 50%, and 0%. Each quiz is worth up to 1% of the course grade. Quizzes will be administered only on lecture days.

MAKE-UP WORK:

Make-up work is strongly discouraged. There are two **prerequisites** for make-up work.

1. 24 hour **prior notice** of your intended absence, *unless for sufficient reason (e.g., death of an immediate family member);*

AND

2. timely, **written verification** by an impartial third party *(e.g., from mortician on letterhead).*

ACADEMIC DISHONESTY:

Any form of academic dishonesty (e.g., looking on another student's exam) will be grounds for a course grade of "F."

<u>DATE</u>	<u>CHAPTERS</u>
Jan 9 & 11	Introduction as well as review MATH 1320 and Excel
Jan 16 & 18	Chapter 1, Data and Statistics, 22 pages
Jan 23 & 25	Chap. 2, Descriptive Statistics I: Tabular & Graphical Methods, 40 p.
Jan 30 & Feb 1	Chapter 3, Descriptive Statistics II: Numerical Methods, 62 pages
Feb 6	review chapters 1, 2, and 3 for EXAM #1
Feb 8	EXAM #1
Feb 13 & 15	Chapter 4, Introduction to Probability, 48 pages
Feb 20 & 22	Chapter 5, Discrete Probability Distributions, 40 pages
Feb 27 & Mar 1	Chapter 6, Continuous Probability Distributions, 34 pages
Mar 6	review chapters 4, 5, and 6 for EXAM #2
Mar 8	EXAM #2
<i>Mar 13</i>	<i>SPRING BREAK</i>
<i>Mar 15</i>	<i>SPRING BREAK</i>
Mar 20	review chapters 1, 2, 3, 4, 5, and 6
Mar 22	Chapter 7, Sampling and Sampling Distributions, 44 pages
Mar 27	continue Chap. 7
<i>Mar 29</i>	<i>NO CLASS</i>
Apr 3 & 5	Chapter 8, Interval Estimation, 36 pages
Apr 10 & 12	Chapter 9, Hypothesis Testing, 45 pages
Apr 17	review chapters 7, 8, and 9 for EXAM #3
Apr 19	EXAM #3
Apr 24 & 26	review whole course; student evaluations on 24th
Thurs. May 3	COMPREHENSIVE FINAL EXAM