

Introductory Statistics

MATH 210-23

CRN 80292

Fall 2008

Professor: Todd Swanson

Class time/Location: TR 1:30-2:50, VWF 238

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Web Page: www.math.hope.edu/swanson

Text: *Statistics: The Art and Science of Learning from Data, 2nd edition*,
by Agresti and Franklin *Introductory Statistics Supplement*



Office Hours: I have scheduled office hours 1:00-1:50 p.m. on Monday, Wednesday, and Friday, 11:00-11:50 a.m. on Tuesday, and 9:30-10:20 a.m. on Thursday. However, when I am in my office, my door is always open and you are welcomed to come see me. You can check my class schedule at ww.math.hope.edu/swanson/schedule.html.

Additional Help: Besides seeking help from me, help for this course is available through the Academic Support Center. They run a help session specifically for Introductory Statistics that (probably) meets on Tuesdays and Thursdays from 7:30-9:00 p.m. in VZN 276.



computer system.

Calculator: You are required to have either a TI-83 or TI-84 calculator for this course. This is the type of calculator that I will be using during class in my demonstrations. These have some great built-in statistical features and they will serve as my primary way of teaching many of the statistical techniques we will be learning. In addition to calculator technology, we will be using the statistical software program *Minitab* extensively throughout the semester (primarily in lab). It can be accessed through the server on Hope's

Curriculum: This course is a general introduction to descriptive and inferential statistics. We will examine distributions using graphs and numbers. We will examine relationships in data using correlation and regression. We will also use a variety of confidence intervals and significance tests to make inferences from data. Throughout our study we will continually strive to understand when certain procedures can be used and how to properly interpret our results. A tentative day by day schedule is attached.



Daily Exercises: Although the exercises will not be collected and graded, completing them on a regular basis is very important. You will be expected to complete these assignments and they will be reviewed in class. These problems will be emphasized in test questions.

Grading: A point distribution is as follows:

Tests (3) - 300 points
Final (Comprehensive) - 100 points
Quizzes (3) - 60 points
Lab - 160 points

The tests will be given on the following dates:

Test 1 - Thursday, September 18
Test 2 - Thursday, October 23
Test 3 - Thursday, November 20
Final Exam - 10:30 a.m. Wednesday, Dec. 10



Each graded piece of work will be assigned a specific number of points. The final grade will be determined simply by your percentage of the total points accumulated during the semester according to the following scale: 0-59%=F; 60-62%=D-; 63-66%=D; 67-69%=D+; 70-72%=C-; 73-76%=C; 77-79%=C+; 80-82%=B-; 83-86%=B; 87-89%=B+; 90-92%=A-; 93-100%=A.

Fall 2008 - Tentative Schedule

	M	T	W	Th	F
AUG	25	26 Chapter 1	27	28 Chapter 2	29
SEPTEMBER	1	2 Chapter 2/3	3	4 Chapter 3 Quiz 1	5
	8	9 Chapter 4	10	11 Chapter 5	12
	15	16 Review	17	18 Test 1	19
	22	23 Chapter 6	24	25 Chapter 6/7	26
OCTOBER	29	30 Chapter 7	1 Critical Issues Symposium	2 Chapter 8 Quiz 2	3
	6	7 Chapter 8	8	9 Chapter 9	10
	13 Fall Break	14 Fall Break	15	16 Chapter 9	17
	20	21 Review	22	23 Test 2	24
	26	27 Chapter 10	28	29 Chapter 10	30
NOVEMBER	3	4 Chapter 11	5	6 Chapter 11 Quiz 3	7
	10	11 Chapter 12	12	13 Chapter 12	14
	17	18 Review	19	20 Test 3	21
	24	25 Chapter 14	26	27 Thanksgiving Break	28 Thanksgiving Break
DEC	1	2 Putting it All Together	3	4 Review	5
	8	9	10 10:30AM Final Exam	11	12