

# SYLLABUS K300 FALL SESSION 2009

## STATISTICAL TECHNIQUES

**INSTRUCTOR:** Mildred Vernia      **OFFICE:** PS 020 A

**TIME & LOCATION:** Mon. & Wed. 11:00 AM CV201 Section#25447

**WEBSITE:** <http://homepages.ius.edu/mavernia/>

Class notes are located on this website and should be printed prior to each class.

**E-MAIL:** mavernia@ius.edu

**PHONE:** 941-2194, or call me at home 948-1567. Do not hesitate to call me.  
I would be happy to set up extra study or class sessions as needed.  
Please don't call my house after 10:00 PM.

**OFFICE HOURS:** MW 8:00 – 9:00 AM in LF161C, MW 1:00-2:00 PM in the math lab  
Monday evenings by appointment

**TEXT:** Elementary Statistics, by Mario Triola; 11th Edition.

**CALCULATOR:** (Required) TI83 or TI84.

**COURSE GOALS:** To be able to describe, explore and compare data including measures of center, variation and relative standing. To be proficient in solving basic probability problems. To become acquainted with Random Variables, Binomial Distributions, Normal Distributions, Estimating Parameters and Sample Sizes, Hypothesis Testing and Linear Regression.

**GRADING:** You will be graded on exams, quizzes and a final.

4 Exams	400 points (50%)	Scale:	90-100 A *
Quizzes	200 points (25%)		80-89 B *
Final Exam	<u>200 points</u> (25%)		70-79 C
	800 points total		60-69 D, 0-59 F

- **Students scoring below 60% on the final exam cannot receive a grade higher than C.**

**QUIZZES:** You will be given approximately 12 quizzes. The lowest two quizzes will be dropped. **THERE ARE NO MAKEUP QUIZZES.** Quizzes may be given on the previous night's homework after homework questions have been answered or as a take-home quiz.

**HOMEWORK:** All problems up to beyond the basics are assigned from each section. It is **extremely** important that you do these assignments as your test and quiz problems will be similar. Homework will not be collected.

**EXAMS:** Four exams will be given. Anyone with special needs (disability, medical problems, etc.) must discuss this privately with the teacher. If you have to schedule a test **before** the test date; let me know as soon as possible! **Tests taken after the scheduled date will be graded without partial credit.**

**FINAL:** A comprehensive final will be given. The final will count **25%** of your grade.  
**If you fail the final exam, the maximum course grade possible is a C.**

**WITHDRAWALS:** The last day to drop a class is **Sept. 28th.**

**MATH LAB:** The Math Lab is located in PS 015. The telephone number is 941-2670.  
The schedule is on the web site at <http://ww.ius.edu/mathlab>.

**TENTATIVE SCHEDULE:**

CLASS	DATE	SECTION COVERED
1	8/24/09	1.1,1.2,1.3,1.4
2	8/26/09	2.1,2.2, 2.3
3	8/31/09	2.4, 3.1, 3.2
4	9/02/09	3.3
5	9/07/09	3.4, 3.5
6	9/14/09	REVIEW
7	9/16/09	TEST#1 Chapter #1 ,#2 & #3
8	9/21/09	10.1,10.2,10.3
9	9/23/09	4.1,4.2, 4.3
10	9/28/09	5.1,5.2
11	9/30/09	5.3,5.4
12	10/5/09	REVIEW
13	10/7/09	TEST#2 Chapter #10, #4, #5
14	10/12/09	6.1,6.2
15	10/14/09	6.3,6.4
16	10/19/09	6.5
17	10/21/09	7.1,7.2
18	10/26/09	7.3, 7.4
19	10/28/09	REVIEW
20	11/02/09	TEST #3 Chapter #6 & #7
21	11/04/09	8.1,8.2
22	11/09/09	8.3
23	11/11/09	8.4
24	11/16/09	8.5
25	11/18/09	REVIEW
26	11/23/09	TEST #4 Chapter#8
27	11/30/09	REVIEW
28	12/02/09	REVIEW
29	12/07/09	FINAL EXAM (11:00 AM)

\* Grades will be posted on Oncourse a few days after the final exam.