

IUPUI— **SPRING SEMESTER 2008**
Syllabus for E270—Introduction to Statistics for Business and Economics

Instructor: Shah Towfighi
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 Hours: Monday and Tuesday (1:45-2:45); Wednesday and Thursday (9:30-10:30)

I am not glued to my computer screen waiting for e-mails. In fact, I don't like e-mails, particularly from pesky students. They have, however, become a necessary, unavoidable evil in modern life. Please use them sparingly, if you have a question. If you do send an e-mail, I do not guarantee a timely reply. On the other hand, I don't mind phone calls at all. Do not leave a voice message on either phone number. Keep trying until you catch me in person. Feel free to call me at home in the evening (no later than 9:30). Best of all, I really enjoy office visits. They are face-to-face and personal. Stop by, by all means.

Teaching/Learning Material:

Lecture Notes: My notes are available on the web: mypage.iu.edu/~stowfig in subdirectory e270

Course Requirements

Attendance	10%
Homework	10%
Class Tests	50%
Final	30%

Homework Problems

The assigned homework problems accompany each chapter of the Lecture Notes. Each problem set is due following the completion of each Lecture Notes chapter. The due date will be announced in class. I will not accept turn-ins past the due date. Check the grade roster frequently for your scores. At times, for one reason or other, some homework assignments do not find their way to my e-mail address. If you send a homework and you do not see the score for that homework on the grade roster, let me know *immediately*. Otherwise, I will assume you never sent the assignment and you will get a 0 for that.

Homework Grading Policy Homework problems are an important learning tool. Take them seriously. Without them you will not do well on the tests. If on each homework set you answer less than 70 percent of questions correctly you will receive an automatic 0 for that set. Bull-shit work is not acceptable.

How to turn in your homeworks (Please read carefully!)

You must turn in your homeworks electronically via e-mail as an Excel file attachment. To do that, download the file named homework form.xls from my web site the HOMEWORKS subdirectory, enter your answers in the appropriate cells and then using File, Save As ..., name the file in following format: e270lastname firstname hwnumber.xls. This means, first type e270 and your last name (no space between e270 and your last name), next your first name and "hw" and then the homework number. For example: e270smith adam hw1.xls. Send the file as an attachment to your e-mail message. When sending the message, in the Subject bar type e270 homework (number).

Letter grades are assigned based on the following schedule (scores are percentages computed from all the test and homework assignment scores):

97	to	100	A+	76	to	79	C+
93	to	96	A	73	to	75	C
90	to	92	A-	70	to	72	C-
86	to	89	B+	60	to	69	D
83	to	85	B	Under		60	F
80	to	82	B-				

Test scores and grades will not be “curved”. Be careful. I will not hesitate to give an F for the course. This is a difficult course. You must take it seriously, spend a good amount of time on it, and do the homeworks conscientiously.

Note: The following schedule may not be strictly followed. It is only a general guideline. Be alert in class for schedule changes.

SCHEDULE FOR MONDAY/WEDNESDAY CLASSES	
Mon, Jan 07	Introductory remarks. Chapter 1--Descriptive Statistics
Wed, Jan 09	Chapter 1 continued.
Mon, Jan 14	Chapter 1 continued.
Wed, Jan 16	Chapter 1 continued.
Mon, Jan 21	Martin Luther King, Jr. Day (no class)
Wed, Jan 23	Test 1 (30 minutes). Begin Chapter 2--Random Variables.
Mon, Jan 28	Chapter 2 continued.
Wed, Jan 30	Chapter 2 continued.
Mon, Feb 04	Test 2 (30 minutes). Begin Chapter 3--The Normal Distribution
Wed, Feb 06	Chapter 3 continued.
Mon, Feb 11	Chapter 3 continued.
Wed, Feb 13	Test 3 (30 minutes). Begin Chapter 4--Sampling Distributions
Mon, Feb 18	Chapter 4 continued.
Wed, Feb 20	Chapter 4 continued.
Mon, Feb 25	Chapter 4 continued.
Wed, Feb 27	Test 4 (30 minutes). Begin Chapter 5--Confidence Intervals
Mon, Mar 03	Chapter 5 continued.
Wed, Mar 05	Chapter 5 continued.
Mon, Mar 10	SPRING BREAK
Wed, Mar 12	SPRING BREAK
Mon, Mar 17	Chapter 5 continued.
Wed, Mar 19	Test 5 (30 minutes). Begin Chapter 6--Hypothesis Testing
Mon, Mar 24	Chapter 6 continued.
Wed, Mar 26	Chapter 6 continued.
Mon, Mar 31	Chapter 6 continued.
Wed, Apr 02	Chapter 6 continued.
Mon, Apr 07	Test 6 (30 minutes). Begin Chapter 7--Regression
Wed, Apr 09	Chapter 7 continued.
Mon, Apr 14	Chapter 7 continued.
Wed, Apr 16	Chapter 7 continued.
Mon, Apr 21	Chapter 7 continued.
Wed, Apr 23	Test 7 (30 minutes). Chapter 8--Forecasting
Mon, Apr 28	Review
Wed, Apr 30	Departmental Final (8:00-10:00 am in Lecture Hall, Room ____). Don't miss it!!!