

Course Policies - STAT 301 B

Meeting Time and Place: MTWR, 10:00-11:35 and 1:00-2:35, UPH 229

Instructor: Dr. Thomas Fisher **E-mail:** fishert4@miamioh.edu (use it!)

Office Hours: MTW 2:45-3:45, location UPH 334E.

Textbook: Probability & Statistics for Engineers and Scientists, 9th edition, Walpole, Myers, Myers, and Ye.

Calculator: I recommend the Texas Instruments TI-83 or TI-84 for this course – they have many built-in routines that you'll find extraordinarily useful. However, if you already have a different model, don't worry - it'll probably have enough features for you to do the basics. You'll almost certainly want a graphing calculator.

Attendance Policy: Due to the pace of the winter term, it is imperative that you be in class every day; with that in mind, I will take attendance each day.

Daily Grade: 10% of your grade will consist of various forms of participation, attendance and potentially other assignments at the discretion of the instructor.

Homework: Homework will be assigned on a daily basis. Due to the pace of the winter term, it will not be collected and graded; however, keys will be posted to Niiikha in a timely fashion. It will be incumbent upon you to complete the homework assignments and compare your answers to the keys in order to make sure that you are grasping the material.

Tests: There will be three 100-point tests in the course, given during Thursday afternoon sessions.

Grading Policy: Your average for the course will be computed as follows:

Your best test = 25%
Your worst test = 25%
Your median test = 40%
Daily Grade = 10%

Course grades will be assigned on the traditional scale (90-100 = A, 80-89.9 = B, etc...). Based on the scores of all class members, plus/minus grades will be given to students close to the border between two different grades.

Statistics 301 (tentative) Calendar – Winter 2014

<u>Day</u>	<u>Date</u>	<u>Times</u>	<u>Section</u>	<u>Topic</u>
Monday	Jan 6	10:00-11:35	Cold Weather Day	Class Canceled due to Cold
		1:00-2:35		
Tuesday	Jan 7	10:00-11:35	Intro & Chapter 1	Syllabus & example from chapter 1
		1:00-2:35	Chapter 2	Probability Foundations
Wednesday	Jan 8	10:00-11:35	Chapter 2 & 3	Random Variables (r.v.s)
		1:00-2:35	Chapter 3, 4.1 & 4.2	r.v.s, Expectation & Variance
Thursday	Jan 9	10:00-11:35	Chapter 5.2	Binomial
		1:00-2:00	<i>Review/Study Time</i>	
		2:00-4:00	Test #1	
Monday	Jan 13	10:00-11:35	Chapter 5	Binomial, Hypergeometric, others?
		1:00-2:35	Chapter 6	Normal & normal approximation
Tuesday	Jan 14	10:00-11:35	Chapter 4.3 & 7	Linear Combinations of rv
		1:00-2:35	Chapter 7 & 8	CLT, distro of S^2 and t
Wednesday	Jan 15	10:00-11:35	Chapter 9	Confidence Intervals – One sample
		1:00-2:35	Chapter 9	Confidence Intervals – Others
Thursday	Jan 16	10:00-11:35	Chapter 10	Hypothesis Test Foundations & Z-test
		1:00-2:00	<i>Review/Study Time</i>	
		2:00-4:00	Test #2	
Monday	Jan 20	Martin Luther King Holiday		
Tuesday	Jan 21	10:00-11:35	Chapter 10	Hyp. Test <i>Greatest Hits</i>
		1:00-2:35	Chapter 10	More... ANOVA, GOF, Categorical
Wednesday	Jan 22	10:00-11:35	Chapter 11	Regression
		1:00-2:35	Chapter 11	Regression
Thursday	Jan 23	10:00-11:35	Catch-up/Review	
		1:00-2:00	<i>Review/Study Time</i>	
		2:00-4:00	Test #3 – Final Exam	