Professor:	Dr. Thomas Fisher
Office:	306 C Manheim Hall
Telephone:	(816) 235-2853
Email:	fishertho@umkc.edu (best)
Office Hours:	Tuesday and Thursday, 3:00-4:00pm and <u>by appointment</u>
Personal Web Site:	*http://f.web.umkc.edu/fishertho/*
Class Materials:	Textbook, notes and Calculator.
Text:	<u>Introductory Statistics 7th Edition</u> by Prem S. Mann

Course Objectives: To introduce students to statistical concepts and their applications in the real world, and to demonstrate that the methods of statistics, converting data into information, are vital tools for today's scientists, business leaders and decision makers. To provide instruction and guidance toward identifying the correct technique, computing the appropriate statistics, and interpreting the results in a cogent manner.

Topic Outline: Graphical and tabular descriptive techniques, graphical presentation, numerical descriptive techniques, probability, random variables, probability distributions, sampling distributions, estimation, hypothesis testing of several parameters in single and dual populations studies, one-factor ANOVA, linear regression.

Exams: Three in class exams will be given (each worth 15%) and a cumulative final exam (worth 30%). <u>Tentative</u> Dates:

Exam 1 – in class Wednesday Feb 8
Exam 2 – in class Wednesday Mar 14
Exam 3 – in class Wednesday Apr 18
Final Exam – Thursday, May 3, 1:00 p.m.-3:00 p.m. (student confirm?)

Exams will be closed book; a calculator and formula card will be permitted beginning with Exam 2.
Material covered after Exam 3 will receive proportional points on final.

Homework: Homework will be given throughout the semester and will count as 20% of your final grade. I expect to give 6 or 7 graded homework assignments (subject to change) as such

HW1 – Chapter 1, 2, 3 and part of chapter 4.
HW2 – Chapter 5 and part of chapter 6.
HW3 – Chapter 6, 7, and 8.
HW4 – Chapter 9.
HW5 – Chapter 10 and 11.
HW6 – Chapter 13.

Attendance Policy: The pace of this class is such that it will not be advisable to miss any sessions. If you know you will be absent, please inform me in advance. When you are absent, it will be your responsibility to contact another student for the notes and announcements. While attendance does not factor into your grade, I will often take attendance for my own records.
You are expected to be an active participant for the entire 75-minute class. Indications that this is not happening include sleeping, surfing the web or instant messaging on your laptop, text-messaging on your cell-phone, studying for another class, etc. Please turn your cell phone to silent before class.
Students are expected to wait quietly for 15 minutes after class is scheduled to begin. If I have not yet appeared the students are free to leave

Letters of Accommodation: If you have a letter stating specific testing accommodations to which you are entitled, please come by my office to discuss the accommodations that you will need and to give me a copy of the letter. Even if you do not anticipate using any accommodations, it is a good idea to turn in the letter as soon as possible. *Please note that unless I have at least one week's notice I will be unable to provide any accommodation on an exam*

Prerequisites: The prerequisite for the class is 4-units of High-School Mathematics or completion of Math 110. This is Departmental policy and is not negotiable. If you get an email regarding prerequisites, attend to it immediately

Student Code of Conduct: Any violation of the *Student Code of Conduct* will not be tolerated. This includes cheating, plagiarism, storing information in a calculator, sabotage of another's work, disrupting class. See the below website for a complete listing of the student code of conduct. All violations will be handled in accordance with established procedures and policies concerning student academic responsibility.

http://www.umsystem.edu/ums/departments/gc/rules/programs/200/010.shtml

Final Grades: At the end of the semester, the final grades will be compiled using the most favorable of the two methods shown below:

Instrument	Method I	Method II
Graded Homework	25%	25%
3 Test @ 15% each	45%	
Best 2 of three test at 15% each		30%
Cumulative Final Exam	30%	45%
Total	100%	100%

Grades will be assigned based on the follow:

Percentage	Grade
[90, 100)	A
[87, 90)	A-
[84, 87)	B+
[80, 84)	B
[77, 80)	B-
[74, 77)	C+
[70, 74)	C
[67, 70)	C-
[64, 67)	D+
[60, 64)	D
[57, 60)	D-
[0, 57)	F