

Math 115 Statistical Reasoning Departmental MWF Syllabus

Fall 2007

Section: _____, Days & Time _____, Location _____

Instructor: _____

Office/Phone: _____

Office Hours: _____

Email: _____

Webpage: _____

Course Description: An introduction to probability and statistics without calculus. Not available for credit to students in the College of Business Administration. **(QR)** 3 credit hours.

Text: *Essentials of Statistics*, by Triola, Third Edition, Addison Wesley Publishers.

Calculator: A graphing calculator is required for this course. The Math Department highly recommends and provides support for the TI-83+ and TI-84+ models. While other calculators may be used with your instructor’s permission, instructors and tutorial center staff may not be able to provide help on how to use them. Use of cell phone calculators and calculators with advanced alpha-numeric capabilities, such as the TI-89, is forbidden in this course.

Grades: Grades will be determined using the grading scale below. Your letter grade is a measure of your mastery of course material and your fulfillment of course objectives. The “other” category will consist of

	% or points:	Letter grade:	range of scores:
Exam 1	20	A	90-100
Exam 2	20	B+	85-89
Exam 3	20	B	80-84
Other	20	C+	75-79
<u>Final Exam</u>	20	C	70-74
Total possible	100	D	60-69
		F	0-59

Final Exam: The comprehensive final exam date and time: _____

All students are required to take the final exam.

Attendance & Make-up Policy:

Disability Services: If you need course adaptations or accommodations because of a documented disability or if you have emergency information to share, please contact the Office of Disability Services at Dunford Hall, 974-6087.

Math Tutorial Center: The Math Tutorial Center is in Ayres Hall room 322. It provides **free tutoring**. Hours of operation are posted at <http://www.math.utk.edu/MTC/>. Please make use of this free service.

Important Dates:	
Add/drop without W deadline	August 31
Labor Day No class	September 3
Fall Break No Class	October 11-12
Thanksgiving Break No Class	November 22-23
Drop with W deadline	October 2
Drop with WP/WF deadline	November 13
Exam 1	
Exam 2	
Exam 3	
Last day of classes	December 4th (the 3rd for MWF classes)
Final Exam	

Classroom Etiquette: Please be considerate of the instructor and those around you. Come to class on time and stay the entire period. Turn off cell phones and beepers during class. Do not talk to classmates at inappropriate times. Refrain from reading newspapers or working on other coursework during class.

Academic Standards of Conduct:

All students are expected to abide by the University **Honor Statement**. In mathematics classes, violations of the honor statement include copying another person's work on any graded assignment or test, collaborating on a graded assignment without the instructor's approval, using unauthorized "cheat sheets" or technical devices such as calculators, cell phones or computers for graded tests or assignments, or other infractions listed in "**Hilltopics**". These violations are serious offenses, subject to disciplinary action that may include failure in a course and/or dismissal from the University. The instructor has full authority to suspend a student from his/her class, to assign an "F" in an exercise or examination, or to assign an "F" in the course. See "**Hilltopics**" for more complete information. A report of all offenses will be sent to appropriate deans and the Office Student Judicial Affairs for possible further action.

The Honor Statement

An essential feature of the University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity.

Course Calendar

Chapter	Content	MWF 42 days	TR 28 day
1	Introduction / Terminology	1	.5
2	Summarizing / Graphing Data	1	1
3	Descriptive Statistics	4	2
4	Probability	4	2.5
EXAM 1		1	1
5	Discrete distributions	3	2
6	Normal distributions	4	3
7	Estimating parameters and Confidence Intervals	5	3
EXAM 2		1	1
8	Hypothesis tests	9	6
10	Correlation and Regression	3	2
EXAM 3		1	1
11	Chi-squared tests	4	3
	Flexible days	1	0
	total	42	28