## MATH 1070 Elementary Statistics General Classroom Building 231 Fall 2006

Instructor	: Harry Sharp				
Office	: School of Industrial and Systems Engineering, Georgia Tech (404-894-6545)				
Office Hours	: 8:30 – 5:30 M-F				
E-Mail	: hsharp@gsu.edu				
Text : <u>The Basic Practice of Statistics, 4th Ed.</u>					
	Moore, Freeman and Company				
Course Outline	Measures of location: Mean Median Mode Standard	Deviation			
Course Outline.	Graphical descriptions of data (Scatterplots Histograms Frequency Polygons)				
	Tests of means and proportions				
	Probability				
	Humothesis testing				
	rypotnesis testing				
	Simple linear regression, Correlation				
	The focus of this class will be not just the correct derivation of the statistics but also the				
interpretation of the statistics. Numbers, in and of themselves, are useless with					
	meaning.				
Evaluation:	Tests (4 @ 100 points each)	400			
	Excel homework assignments (4 @ 50 points each)	200			
	Homework/take home assignments	100			
	Final exam ( <b>Tuesday, December 12<sup>th</sup> 5:00pm</b> )	200			
	For all exams and guizzes a one page formula sheet and tables will be provided if				
	necessary. Calculators capable of taking a square root are required. Graphing calculators				
	are not required.				
Crading	A 100 00 B+ 80 87 B 86 80 C+ 70 77 C 76 70 D 60 6	n			
Graunig.	A 100-90, $D$ + 89-87, $D$ 80-80, $C$ + 79-77, $C$ 70-70, $D$ 89-80	reumstancos			
	incompletes win not be given without extendating ci	reunstances.			
Attendance:	It is expected that students will attend class. Notes m	issed due to absence are the student's			
	responsibility to obtain. Ouizzes missed due to absence may be taken the following class				
	period. Should a student miss more than four (4) concurrent class days (20% of total class				
	days) that student will be subject to involuntary withdrawal from class. Withdrawal prior				
	to <b>October 16th</b> will result in a grade of <b>'W</b> '. Withdrawal after that date will result in a				
	grade of <b>'WF'</b> .				
	Please turn cell phones off or to "cilent" mode during class as a courtery to the professor				
	and to other students.				
Plagiarism:	All work submitted must be the student's own work.	Plagiarism will result in a grade of			
	zero for the assignment and strict disciplinary action.				
Disclaimer:	This syllabus presents a general framework for the class. Deviations made be necessary.				

Week	Tuesday		Thursday	
1	8/22		8/24	
2	8/29		8/31	
3	9/5		9/7	Excel 1
4	9/12	Test 1	9/14	
5	9/19		9/21	
6	9/26		9/28	Excel 2
7	10/3	Test 2	10/5	
8	10/10		10/12	
		'W' Day – October 16		
9	10/17		10/19	Excel 3
10	10/24	Test 3	10/26	
11	10/31		11/2	
12	11/7		11/9	Excel 4
13	11/14	Test 4	11/16	
14	11/21	Holiday	11/23	Holiday
15	11/28		11/30	
16	12/5		12/7	
17	12/12	Exam – 5:00 pm		
18				