

Math 2210CC Elementary Statistics, 11:30 – 12:45 T Th Allgood Hall E362

Tentative Calendar, Fall 2009,

**Text: Understandable Statistics, Brase², with WebAssign, 9th ed.
and Instructions for Using TI-83 Sethuraman and Thiruvaiyaru = “CM”**

AUGUST

[18] Read Pipeline Course Files. Read Chpt 1 & 2.2 , Do Hmwk1, 2.1:7,9 Start Final Exam Data Collection	[20] Calculator Day, Turn in Hmwk1 Move to AH-N344 2.1: 13 but skip step a. keep decimals, pg 67: 4 2.3: 1 3.1: 9, 11 $\sum x$, Pages 5 – 9 CM
[25] 3.2: 9, 11, 14, 19 z-score CV other averages Σx^2 , ss_x Chebyshev, grouped	[27] cont'd 3.2 3.3: 5, 10 IQR Pages 11– 16 CM pg. 113-114: 4, 8

SEPTEMBER

[1] Quiz , Review Files 10.1: 13 10.2: 9 Pages 111 – 114 CM	[3] Review for Test 1 Random Rectangles and 1.2
[8] “Anti-Labor Day” Student Holiday	[10] Test 1 on Chapters 1, 2, 3, part of 10
[15] See course files 4.1: 1, 10, 11 4.3: 5, 11, 23, 25	[17] Urn, Bernoulli, Complements 4.2: 7, 11 Pages 18 – 21 CM pg. 164: 8, 11, 13
[22] 4.2: 21, 23 LOTTO Pages 23 – 31 CM	[24] Lady-Tiger, Birthday, Music Day, Review
[29] Test 2 on Chapter 4	

OCTOBER

	[1] Hypergeometric, Marble Problem 5.1: 3, 10, 13 5.2: 9, 11 Pages 33 – 34 CM
[6] 5.2: 21 5.3: 9, 17 5.4: 7 geometric, multinomial Pages 36 – 39 CM See course files	[8] Poisson, Normal, 5.4: 11, 23 6.2: 29 – 47 odd 6.3: 15 – 23 odd Pages 40 – 45 CM (Midterm Day = Mon. Oct. 12)
[13] Review pg 227: 9, 12, 15, 20 pg. 282: 8, 11, 12, 13	[15] Test 3 on Chapter 5, part of 6
[20] 6.3: 25, 29, 33, 35 6.4: 7, 13 population {3,5,7,9} Pages 47 – 51 CM	[22] Read 7.1 and read exercises 7.2: 11, 12, 15 pg. 282: 9, 17, 19
[27] 7.2: 19, 21 aggregates 7.3: 7 Pages 54– 57 CM	[29] Review pg. 322: 3, 5, 9

NOVEMBER

[3] Test 4 on Chapters 6 & 7	[5] 8.1: 13, 17 8.2: 11, 15, 21 Page 52 CM
[10] 8.3: 7,9, 17 11.3: 11 part iii Read 9.1 , Pgs 59- 66 CM	[12] 9.1: 5, 9 9.2: 11, 12, 17 pg. 387: 5, 6, 7, 9, 10
[17] 9.3: 5, 13 Pages 68– 84 CM 9.4: 9, 19 using calculator p-values	[19] 11.3: 7, 9,11 Pages 92 – 93CM 6.1: 15 11.1: 5, 7 Pgs 102 – 108 CM pg 478: 5, 7, 9, 15, 17
[24] meet in UH-129 for data entry	[26] Thanksgiving Holiday

DECEMBER

[1] Test 5 Chapters 8, 9, part 11	[3] Last Day of class (Lab due) Review for Final
[8] Final 1:00-3:00pm in AH-E362	

J. Michelle Benedict, Office: AH-N331, 706- 667-4478 or leave messages at 706-737-1672
Office Hours: 1:00 – 2:30 on T, Th in Allgood Hall office
(Special times: 4:30 – 4:50 on M W and 5:25 – 5:45 T, Th in 2nd Floor Lounge of UH)
Other times by appointment. E-Mail: mbenedic@aug.edu
THERE WILL BE NO MAKE-UP TESTS FOR ANY REASON! Drop a test grade.
Best 4 tests = 2/3 grade, Comprehensive Final = 1/3 grade

M. Benedict: Math 2210 Elementary Statistics

Text: Understandable Statistics 9th Edition with WebAssign, by Brase & Brase

Calculator: Any version of the TI-83 or TI-84 models NO SUBSTITUTES!

Project: You will be collecting data for 20 days on the time it takes you to travel a trip about 8 or more minutes always about the same time of day and always in the same general direction as explained in class. If this is not possible, you see me by the second week of class for alternatives since the analysis will be 15 points of your final exam.

Rules: Read the pipeline file of my expectations. You may attend the help sessions of the math lab, the times and locations of which will be posted at www.aug.edu/mcs and click on student resources. Some of our math lab student assistants may not know statistics so you'll have to ask. For extra help, there should be videotapes for the textbook chapters in Media Services of University Hall 156 or solutions manuals in the library at the reserve desk. You will be expected to complete all assignments on time. Most classes will begin with students' questions from homework problems so when you enter the classroom, have a seat away from all friends and interesting people, and get your questions organized. I expect you to attend EVERY MINUTE OF EVERY CLASS. If you are excessively tardy, you may receive be withdrawn from class. After midterm this will mean a WF. You are responsible for everything covered in class, even in your absence.

There will be five tests given during the semester. Each test is worth 100 points, 10 points of which will be the average of your homework points for WebAssign and special work assigned to be turned in. Quizzes are for extra credit points. NO MAKE-UP TESTS! You will get to drop one of your five regular test grades, not the final. The best four grades will be averaged together for 2/3 of your course grade. The remaining 1/3 of your grade will be from the comprehensive final exam, part of which is your data project analysis. Your grades will be returned to you as soon as possible and certainly within a week of taking the test to be "on time". THERE WILL BE NO MAKE-UP TESTS FOR ANY REASON SO DON'T ASK! If you have emergencies causing you to miss 2 tests, documentation for both must be turned into me by the last week of class at which time I will consider taking applicable parts of the comprehensive final exam to adjust your overall grade the way I feel it needs adjusting. This class is paid for by "your nickel." Spend it wisely.

On the syllabus calendar, special days like "Calculator Day" refer to events that happen **on that day**.

Text sections in bold print are those to be read **before the next class** along with the numbers of the problem to be worked but not turned in. The special problems to be turned in will be assigned in class and on pipeline. It is not okay to work together on the WebAssign computer homework. It is okay to work together on the paper homework assignments to be turned in as long as you list the names of those with whom you work at the bottom of your page. It is NOT okay to assist others during tests, quizzes, and computer assignments and all violators, those who give help and those who receive help, are subject to a grade of WF for academic dishonesty. Learn the terms, symbols and do the reading, projects, and problems listed by the next class. Page numbers listed in smaller print followed by the letters CM refer to the Sethuraman *et. al.* Instructions for Using the TI-83/84 calculator manual. Read and work all examples on those pages for more efficient calculator use.

You are expected to behave in an appropriate professional and collegiate manner and failure to do so will result in a grade of "WF". Lying and cheating will not be tolerated in this class and may result in a "WF" and other sanctions. I frequently give different versions of the same test to catch cheating. Lying about your travel time data is considered cheating. Quotes from Darrell Huff's book: How to Lie With Statistics :

Disraeli? [as reported by Mark Twain]: **There are 3 kinds of lies; lies, damned lies, and statistics.**

Artemus Ward: **It ain't so much the things that we don't know that get us into trouble.**

It's the things that we know that ain't so.

H. G. Wells: **Statistical thinking will one day be as necessary for efficient citizenship as the ability to read and write.**