

## **SYLLABUS: MATH-1230 (Spring 2013)**

### **STATISTICS FOR SCIENTISTS**

Instructor: MAURICE J DUPRE

Office: 309A GIBSON HALL

Office Hours: Monday & Wednesday 9AM TO 11AM or by appointment

E-Mail: mdupre@tulane.edu

Telephone: 504-862-3430

Lectures meet in BOGGS Room 243 from 11:00 AM to 11:50 AM

Textbook: Statistics for Engineering and the Sciences, Fifth Edition, by William Mendenhall and Terry Sincich. Pearson Publishers

Materials: You are required to have a scientific calculator. I will have a suggested type soon.

#### **LABORATORY**

Teaching Assistant : BENJAMIN BONIECE

Office: GIBSON HALL 416-H

E-Mail: bboniece@tulane.edu

Telephone: 862-3461

Office Hours: ?

Section 1 Lab: Meets in GIBSON 310 at 9:30 AM **Tuesdays**

Section 2 Lab: Meets in GIBSON 126A at 11:00 AM **Thursdays**

Homework will be submitted at the beginning of the lab sessions. Students are to attend the lab section to which they are reregistered. Homework will not be accepted late; there will be no make-up quizzes. Two or three quiz grades will be dropped when the final exam is computed. Also, two or three homework assignment will be dropped

**Students are required to have a StatCrunch account. StatCrunch is an online statistical software package. You may obtain a 6-month subscription to Statcrunch for \$12.00 from the Statcrunch website <http://www.statcrunch.com>. You may pay with a credit card or PayPal.**

#### **COVERAGE**

**Chapter 1: read**

**Chapter 2: §§2.1-2.8**

**Chapter 3: §§3.1-3.6,3.8**

**Chapter 4: §§4.1-,4.10**

**Chapter 5: §§5.1-5.5, 5.7**

**Chapter 6: §§6.7, 6.8, 6.9, 6.10**

**Chapter 7: §§7.1-7.9**

**Chapter 8: §§8.1-8.10**

**Chapter 10: §§10.1-10.4**

**EXERCISES: These will be amended**

**Chapter 2: 1,2,4,5,12, 14, 18, 21, 23, 24, 30, 31, 32, 39, 41, 42, 44, 47, 49, 50, 51,**

**Chapter 3: 1,4 , 6, 7, 9, 10,11, 13, 15, 18, 20,22, 23, 25, 32, 33, 35, 36, 49, 53, 54, 56, 62,64**

**Chapter 4: 1, 2, 9, 12, 15, 16, 24, 25, 26, 29, 32,58, 59, 61,64, 67, 68, 70, 71, 76**

**Chapter 5: 1, 2, 3, 4, 7, 8, 9, 12, 13, 15, 16, 20 , 23, 24, 25, 26, 29, 30, 32, 33,45, 46,**

**Chapter 6: 65, 66, 67, 69, 74, 77, 78, 79, 81, 84, 86, 87**

**Chapter 7: 27, 28, 29, 30, 31, 33, 36, 37, 38, 39, 40, 43, 45, 46, 48, 49, 55, 58, 60, 61, 62, 63, 68, 72, 73**

**Chapter 8: 16, 18, 19, 22, 26, 27, 31, 32, 36, 40, 41, 43, 44, 48, 49, 54, 57, 58, 60, 61, 64, 66, 68**

**Chapter 10: Exercises supplied later**

**GRADING:**

**Homework = 10%**

**Lab quizzes =10%**

**In class exams =50%**

**Cumulative Final Exam=30%**

**The LAB QUIZZES will cover both the homework exercises and the Statcrunch assignments**

**TEST DATES:**

**TEST 1: Wednesday, September 18, 2013**

**TEST 2: Wednesday, October 2, 2013**

**TEST 3: Wednesday, November 6, 2013**

**FINAL EXAM\*:** Tuesday, December 17, 8:00-noon\*

**\*The FINAL EXAM will NOT be in OUR REGULAR CLASSROOM. I will give the room assignment for the FINAL EXAM late in the semester.**