

MATH-1110 (DUPRÉ) SYLLABUS SPRING 2011

INSTRUCTOR:

Maurice J. Dupré

Office: Gibson Hall 309A (presently: Stanley Thomas Hall 209A)

Office Hours: 9AM -10AM and 1PM - 2PM MWF and by appointment

Email: mjdupre@tulane.edu

COURSE DESCRIPTION

Elementary probability theory with applications including a thorough discussion of the binomial and normal distributions; central limit theorem; histograms; sampling distributions; confidence intervals; tests of hypotheses; linear models; regression and correlation.

PREREQUISITES

Highschool algebra and geometry.

TEXTBOOK

PROBABILITY AND STATISTICS, by Mendenhall, Beaver, and Beaver, thirteenth edition.

We will cover the first ten chapters in the textbook.

LECTURES

Attendance is mandatory. Classroom lectures **WILL cover material BEYOND the material in the textbook** and students are responsible (both on Tests and Quizzes) for what is covered in the classroom as well as in the textbook.

LABS

Weekly lab meetings will cover material beyond the material covered in lectures. It will be presented by your lab instructor and you will be responsible for this material (both on tests and quizzes).

GRADING AND COURSEWORK

Your final course grade will be determined by **Quiz** grades, **Test** grades, and the **Final Exam** grade.

The Final Exam counts 40 percent of your final course grade. The major Tests count 40 percent of your final grade. The Quizzes (which may be given by surprise) and minor tests count 20 percent of your final grade.

To receive proper credit for any paper you hand in, it must have in the UPPER RIGHT CORNER OF EACH SHEET: your Last Name printed clearly ALL IN LARGE CAPITAL LETTERS, underneath must be your First Name printed clearly ALL IN CAPITAL LETTERS, underneath must be your CORRECT SECTION NUMBER. **Any failure to follow this direction may result in your receiving a failing grade.**

There are NO MAKE-UP Quizzes or Tests. If you have an excused absence from a major test, your final grade will be determined by your remaining grades using the final exam grade in place of that test grade.

WEBSITE

You must be able to access the course page on Blackboard as well as my website:

<http://web.me.com/mdupre/DUPRE/HOME.html>

There will be TAKE HOME TESTS that you will have to download and print from my website. You will be notified from Blackboard by email. You should check Blackboard regularly for Course Announcements.

CALCULATORS

A calculator is REQUIRED for this course and it must be one of the officially supported calculators.

No symbolic manipulation calculators such as the Texas Instruments TI-89 are allowed.

The officially supported calculators are the TI-83, TI-83plus, TI-84, and TI-84plus.

MAJOR TEST AND FINAL EXAM DATES

Major Tests will be given on Wednesdays to be announced. The Final Exam is 8AM to NOON, Friday, 30 April 2011, at a location to be announced. This location will most likely not be our usual lecture meeting room as the Final Exam Time is NOT the time for classes meeting MWF 10AM, but is instead the special time for all Freshman and Sophomore Mathematics courses. Make sure you pay attention for that announcement in the last week of class.

PAGE 2 OF 2

THE END