

MATH-1110 SYLLABUS SPRING 2019

PROBABILITY AND STATISTICS

INSTRUCTOR: Maurice J. Dupre'

OFFICE: 309A Gibson Hall

OFFICE HOURS: WEDNESDAY 3:30 PM-5:30 PM OR BY APPOINTMENT

E-Mail: mdupre@tulane.edu

LECTURES: JONES HALL Room 204, MWF 2 PM

TEXTBOOK: Introduction to Probability and Statistics, 14th Edition, Mendenhall, Beaver and Beaver, Brooks/Cole Publishers

LABORATORY MEETINGS

SECTION 1 LAB MEETINGS: THURSDAY 9:30 AM in DW 108

Teaching Assistant: Lin Li, OFFICE: Gibson 416-D

E-Mail: lli15@tulane.edu

SECTION 2 LAB MEETINGS: TUESDAY 2 PM in MA 200B

Teaching Assistant: Sergio Villamarin Gomez, OFFICE: Gibson 305

E-Mail: svillamaringomez@tulane.edu

SECTION 3 LAB MEETINGS: THURSDAY 2 PM in NA 210

Teaching Assistant: Lin Li, OFFICE: Gibson 416-D

E-Mail: lli15@tulane.edu

Students may ONLY attend the LECTURE & LAB for which they are REGISTERED.

BASIC RULES:

NO ELECTRONIC DEVICES DURING LECTURES OR LABS UNLESS EXPLICITLY ALLOWED.

NO CALCULATORS ON QUIZZES OR TESTS OR FINAL EXAMS.

You should be prepared to spend about an hour of study each night for this course. If you have any questions that are not answered in the lab or lecture, see me right after lecture or in my office GIBSON HALL 309A.

STUDENTS ARE REQUIRED TO KNOW THEIR SECTION NUMBER AND LAB DAY FOR ALL EXAMS AND QUIZZES. ON EACH SHEET TURNED IN FOR EXAMS, HOMEWORK, AND QUIZZES YOU SHOULD PRINT YOUR LAST NAME IN LARGE CAPITAL LETTERS IN THE UPPER RIGHT HAND CORNER, UNDERNEATH PRINT YOUR FIRST NAME IN LARGE CAPITAL LETTERS, UNDERNEATH PRINT YOUR COURSE NUMBER AND SECTION NUMBER AND UNDERNEATH THAT PRINT YOUR LAB DAY AND TIME.

NO ELECTRONIC DEVICES ARE ALLOWED IN LECTURES OR LABS.

CALCULATORS are specifically **NOT ALLOWED** ON TESTS & QUIZZES.

ATTENDANCE in all lectures and lab meetings is **MANDATORY**. **NO ELECTRONIC DEVICES** are permitted in lectures or in labs unless otherwise stated by the instructor. You should **have a supply of unlined plain white printer paper at all times during lectures and lab** for the purposes of taking notes, drawing diagrams, or **SURPRISE QUIZZES**, and you should **keep all your notes and worked homework problems available** to turn in if asked during either lectures or labs. At the end of each lab session **THERE WILL BE A QUIZ.**

TEXTBOOK COVERAGE: Chapters 1, 2 and 3 will be covered in the labs
 Lab coverage: these chapters will be covered in the labs in the early part of the semester.
LECTURES AND LAB will cover chapters 4-9 and some of chapter 12.

LABORATORY

Chapter 1	Sections: 2,3,4(stem and leaf only),5 relative frequency histogram	10,11,13, 20a,21, 26
Chapter 2	Sections: 1,2,3,5,	1b,3, 13, 16,
Chapter 3	Sections: 1,2,3, 4	1, 5, 10, 11, 13

LECTURES & LABORATORY

Chapter	Sections	Required Homework
4	1-6,8	2,4,5,7,8,9,10,15,16,19,20,25,26,29,33,35,42,44,46,49,51,52,58,59,64,65, ,82,83,84,85,87,88,91,100,
5	1,2,4	3,4,11,21,23, 50,53,63,66,70,74,88,92,
6	1-4	4,6, 7, 8, 11, 12, 13,15,18,25,29,30,34,43,47,89,90
7	1-7	15,19,20,23,28,30,32,33,35,40,41,42,47,
8	1-7,9	3,5,7,14,22,23,25,27,30,34,37,39,40,44,47,49,52,53,68,69,70,71,80
9	1-3	3,4,5,6,8,9,10,12,
12	1-5	TO BE ANNOUNCED

THERE MAY BE SURPRISE QUIZZES AT ANY TIME DURING LECTURE MEETINGS

You are responsible for material covered in lectures and laboratory which may not be in the textbook as well as the material covered in the textbook. In addition to the exercises in the textbook which you need to learn to work, you must also learn to work the problems on the PRACTICE TEST PROBLEM document posted online with the link given in your blackboard announcements and other problems which will be discussed in the lectures and/or in laboratory meetings. You should also learn and understand the equations on the first three pages of the document EXPECTATION FORMULAS posted on my website.

GRADES

COMPREHENSIVE FINAL EXAM (place: TBA) = 30%

MAJOR TESTS (given in LAB) = 50%

QUIZZES & SURPRISE LECTURE QUIZZES (given in lab or lecture) = 20%

EXAM DATES

MAJOR TEST 1: IN LAB in Week BEGINNING Monday 25 FEBRUARY 2019.

MAJOR TEST 2: IN LAB in Week BEGINNING Monday 8 APRIL 2019.

FINAL EXAM DATE & LOCATION

FINAL EXAM*: MONDAY 6 MAY 2019 from 8AM to NOON.

FINAL EXAMNote that the FINAL EXAM MIGHT NOT be held in our usual lecture meeting room. I will announce the room assignments for the final exam during the last two weeks of the semester. The time and date for the final exam is in the course schedule BUT NOT the time and date for classes meeting MWF at the time your lecture normally meets. The time and date is the special time for all 1000 and 2000 level math courses. If you have more than one such course then you have a final exam conflict which we will resolve during the last month of class. You need to let me know during the first week of April by email with the specific math course and section number you are taking besides this course.**