

# MATH-1110 SYLLABUS SPRING 2018

## PROBABILITY AND STATISTICS

**INSTRUCTOR:** Maurice J. Dupre'

**OFFICE:** 309A Gibson Hall

**OFFICE HOURS:** WEDNESDAY 3:30PM-6:30PM OR BY APPOINTMENT

E-Mail: [mdupre@tulane.edu](mailto:mdupre@tulane.edu)

**LECTURES:** Room 204 JONES HALL, MWF 2PM

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

### LABORATORY MEETINGS

**SECTION 1 LAB MEETINGS:** THURSDAY 9:30AM in Richardson 113B

Teaching Assistant: Yiyang She, OFFICE: Gibson Hall 415-G

E-Mail: [yshe@tulane.edu](mailto:yshe@tulane.edu)

**SECTION 2 LAB MEETINGS:** TUESDAY 2 PM Gibson Hall 310

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

E-Mail: [lli15@tulane.edu](mailto:lli15@tulane.edu)

**SECTION 3 LAB MEETINGS:** THURSDAY 2 PM in Gibson Hall 310

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

E-Mail: [lli15@tulane.edu](mailto:lli15@tulane.edu)

**Students may only attend the lab for which they are registered.**

**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.**

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

**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

At the end of each lab session THERE WILL BE A QUIZ.

### 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 26 February 2018.**

**MAJOR TEST 2: In Lab in Week beginning Monday 16 April 2018**

## **FINAL EXAM DATE & LOCATION**

**FINAL EXAM\*: MONDAY 7 MAY 2018 FROM 8AM TO NOON.**

**FINAL EXAM\*\*Note 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.**

**FINAL EXAM TIME & DATE: MONDAY 7 MAY 2018 FROM 8AM TO NOON.**