

MATH 1140 SYLLABUS 2012 FALL
PROBABILITY AND STATISTICS FOR BUSINESS

INSTRUCTOR: Maurice J. Dupre'

OFFICE: Gibson Hall Room 309A

OFFICE HOURS: MWF 10AM-11AM, 1PM-2PM

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LECTURES: MWF 2PM-2:50PM RICHARDSON HALL ROOM 117

LABORATORY MEETINGS	SECTION 3: 8AM Gibson Hall Room 325	THURSDAYS
	SECTION 4: 9:30AM Gibson Hall Room 325	THURSDAYS
	SECTION 6: 12:30PM Gibson Hall Room 310	THURSDAYS
	SECTION 7: 2PM SE Room 206	THURSDAYS

MATERIALS: Your textbook: Statistics for Business and Economics, McClave, Benson and Sincich
Prentice Hall Publisher, Eleventh Edition

CALCULATOR: Students are required to have a simple scientific calculator. Graphing calculator are specifically not allowed.

STUDENTS MUST HAVE a laptop computer with a fully functional version of Microsoft Excel for Windows, the version of Excel for Apple computers is NOT SUFFICIENT.

COVERAGE:

STUDENTS ARE RESPONSIBLE for material covered in lecture as well as AND IN ADDITION TO material covered in lab as well as AND IN ADDITION TO the following material from the textbook:

CHAPTER 1: §§2, 3, 5, 6

CHAPTER 2: §§1, 2, 3, 4, 5, 6, 7, 8, 9

CHAPTER 3: §§1, 2, 3, 4, 5, 6,

CHAPTER 4: §§1, 2, 3, 4 (hypergeometric only), 6, 10, 11

CHAPTER 5: §§1, 2, 3, 4

CHAPTER 6: §§1, 2, 3, 4, 5, 6

CHAPTER 7: §§1, 2, 3, 4

CHAPTER 11: §§ Microsoft Excel

GRADING

HOMEWORK = 10%

QUIZZES =10%

THERE WILL BE TWO OR POSSIBLY THREE ONE HOUR EXAMS IN LECTURE CLASS

AVERAGE OF One-Hour Exam Grade= 50%

There will be a **COMPREHENSIVE FINAL EXAM**=30%

EXAM DATES

EXAM 1: Wednesday, September 19

EXAM 2: Wednesday, October 17

EXAM 3: Wednesday, November 14

FINAL EXAM*: Tuesday, December 11, 8:00 until Noon

*Note that the final exam MIGHT NOT BE HELD IN RICHARDSON HALL ROOM 117 . I will announce the room assignment for the final exam in the last two weeks of the semester.

THERE ARE NO MAKE UP EXAMS. In the event a student has a valid excuse for missing an exam, the grade will be determined on the basis of the remaining exams and the final exam.

THERE ARE NO MAKE-UP QUIZZES AND HOMEWORK IS NOT ACCEPTED LATE. A certain number of Homework and quiz grades will be dropped at the end of the semester.

EXERCISES

UNKNOWNNS AND EXPECTATION: TO BE ANNOUNCED

CHAPTER 1: 14, 15, 16, 17

CHAPTER 2: 1, 2, 3, 5, 9, 17, 18, 19, 20, 24, 33, 37, 38, 42, 44, 45, 46, 52, 57, 58, 64, 66, 72, 74, 77, 80, 88, 89, 94, 98, 103, 106, 115, 123, 124,

CHAPTER 3: TO BE ANNOUNCED

CHAPTER 4: TO BE ANNOUNCED

CHAPTER 5: TO BE ANNOUNCED

CHAPTER 6: TO BE ANNOUNCED

CHAPTER 7: TO BE ANNOUNCED

CHAPTER 11: TO BE ANNOUNCED

GLOSSARY PART 1

Excel Topics to be covered

Insert Function

Median

Mean

Sample standard deviation

Sample variance

Percentiles: there are many ways to give percentiles: we will compute percentiles as Excel does

Maximum

Minimum

Graphs and Charts

Categorical Data

Pie Charts (categorical)

Bar Charts and column charts (categorical)

Pivot Tables

Quantitative Data

Summary Statistics

Histogram (we use Excel convention for the endpoints)

Frequency Distributions

Relative Frequency Distributions

Scatter Diagrams (including the trend line)

