Statistics for Managers
QMBE 4400-601

Recommended Materials/ Course Objectives/ Class Procedures/ Course Grade/ Course Schedule

Instructor	Matthew Lutey
Session	Summer 2017
Time	6:00-8:45PM T,R
Room	KH208e
Office	KH 424
Office Hours	T & TH 5:00-6:00PM and 8:45-9:45. Also by appointment
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Recommended Course Materials

- Business Statistics 2nd edition Robert A. Donnelly, Jr.
- MyStatLab will be used for homework.
- Homework may be done in excel, pen and paper, or other statistical software.

Course Objectives

- This course is an introduction to statistical techniques for the MBA candidate. We will have to touch some topics, such as probability theory and combinatorics (the laws of counting) very lightly in order to be able to do what is probably more important for you, the interpretation of statistical output. We will use Excel software during our course. I will post data sets on Moodle and ask you to analyze and interpret from various perspectives.

Course Procedures

Students with Disabilities

- *Students who qualify for services will receive the academic accommodation for which they are legally entitled. It is the responsibility of the student to register with the Office of Disability Services (UC260). Visit the Student Policy Manual* Policy for Students with Disabilities *for more information.*

Academic Integrity

- *Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Visit Student Policy Manual* University of New Orleans Judicial Code *for more information.*

Attendance

- *You are expected to attend class and participate in class discussions. Each class is equivalent to one week of class during a full semester! If you skip class after this point it will be impossible to give full credit for participation.*

Class Participation

- *It is expected to put in one hour of work per hour spent in class. For a six hour class per week it is expected to study six hours per week.*
- *It is essential to do the homework on your own and fully understand it. If you do*

this you will do well on the quiz and test

- *Lecture will comprise of worked problems that are from the homework. A subset of these problems will be used for the quiz.*

Course Grade

Exam grading and exam policy

- *Exam Content: Three exams will be compressed in to eight weekly quizzes. The lowest quiz grade will be dropped, and replaced with the highest quiz grade.*
- *Assignments will be done on MyStatLab for a total of 20%. Additional excel application may be assigned and added. It will be turned in on Moodle or by email. It will be included in the 20% total score for homework.*
- The final exam is comprehensive.
- There will be no make-up tests for any reason.
- Quiz total accounts for 45%, and the final exam 30%
- Final Exam is Mandatory

Letter grade

Letter grades are assigned with the following scale by weighting together the components below with the percentage achieved in each component:

- A = 90-100%
- B = 78-89%
- C = 64-77%
- D = 50 –63%
- F = 50% or below

Weights

- Your grade depends on:

Homework	20%
class participation and attendance	5%
Average of quizzes	45%
Final Exam	30%

Course Schedule

- We will go through chapters 1-15 of the text. I will post documents on each of these topics on the Moodle, which you may want to download and read in advance of each week's lecture.

Tentative Course Schedule:

Date	Topics (Documents posted on Moodle for each topic)	Chapters //Reading

T 6/6	Topic 1: Descriptive Statistics	Ch. 1,2
Th 6/8	Topic 1 continued. Explanation of homework	Ch. 3
T 6/13	Topic 2: Probability	Ch. 4
Th 6/15	Quiz (1) Chs 1,2,3 Topic 3 part 1: Discrete Random Variables	Ch. 5
T 6/20	Topic 3 part 2: Continuous Random Variables, The Normal Distribution.	Ch. 6
Th 6/22	Quiz (2) Ch 4Topic 4: Sampling Distributions. Central Limit Theorem.	Ch. 7
T 6/27	Sampling Distributions. Central Limit Theorem.	Ch. 7
Th 6/29	Quiz(3)Ch 5&6 5 problemsTopic 5: Estimation and Confidence Intervals	Ch. 8
Th 7/4	Off Hw on Ch 7	
Th 7/6	Topic 5: Estimation and Confidence Intervals	Ch. 8 cont'd
	Weekend Takehome Quiz, Ch. 7	
T 7/11	Topic 6: Hypothesis Testing and Statistical Significance	Ch. 9
Th 7/13	Quiz(5) Ch 8 Topic 8: Correlation and Regression Analysis	Ch. 14
T 7/18	Topic 8 continued Introduction to Multiple Regression	Ch. 15
Th 7/20	Quiz Ch 9, Ch 14, Ch 15	
T 7/ 25	Review Session (Start studying for final)	
Th 7/27	Course evaluation, discussion of Exam, etc.	
T 8/1	**Final Exam Comprehensive. In My Stat Lab, same format as Homework and Quiz.**	