BADM 7020 Managerial Statistics
Syllabus

* Faculty and Staff:
  - Faculty:
    Young H. Chun, Ph.D., Professor of Decision Science
    Office: 2211 Business Education Complex, Louisiana State University
    e-mail: doc at drchun dot net
  - Teaching Assistant (Any questions about the exercise or practice problems)
    Amogh Bhide, abhide1@lsu.edu
  - Online MBA program coordinator (Any academic or financial issues)
    Rachel Pierson, rpierson@lsu.edu

* Course Objectives:
  - This course serves as a basic introduction to methods and techniques used in the analysis
    and interpretation of data. Topics covered include the descriptive statistics, probability,
    probability distributions, estimation, hypothesis testing, and two population cases.
  - The goal of the course is to extend the range of your intuition, to enable you to think
    analytically about numerical information, and to familiarize you with existing techniques.
  - The aim of the course is to enhance your ability to draw insight from data and to assess
    more precisely the reliability of your inferences. Because statistics are frequently
    “misused to give an air of legitimacy to weak claims,” the course also aims to make you
    better consumers of statistical analyses conducted by others.

* School Supplies:
    Learning, 2013 (Hard copy or Kindle edition)
  - Lecture notes (Available on the class web site in PDF format.)
  - Scientific calculator (e.g., TI-30Xa for less than $10 at Wal-Mart or Office Depot. You
    may use any graphing calculator if you know how to use it!)

* Pre-requisites:
  - Successful completion of any college-level algebra and calculus would be helpful, but not
    essential.
  - You must be familiar with the spreadsheet software, Microsoft Excel, which will be used
    extensively throughout the course.
  - You must also have computer competency. You must be very comfortable with using email
    and discussion boards; uploading and downloading documents, and accessing resources
    such as search engines & websites (e.g., Moodle, etc.)
* Assessments:

- There will be six weekly exams during the course of the semester. All the quizzes are Moodle-based, open-book, open notes, and you may use your laptop computer. Exams consist of multiple-choice and problem-solving problems based on book readings and lecture notes. A missed exam results in a grade of zero. Make-ups are never given on exams.

- The final exam will be a two-hour, comprehensive exam during the last weekend of the semester. The exam will be open book, open notes. A scientific calculator is required during the exam.

- One class project will be given to encourage students to apply statistical techniques to real-world phenomena. The final report should be typed and uploaded to Moodle before the due date, along with the video file of your oral presentation.

- Class contribution is based on “contribution to the pleasant learning experience.” Any inappropriate student behavior will not be tolerated.

- No late class project will be accepted, and no make-up weekly exam will be given. The reason for missing the final exam must be documented and deemed acceptable by the instructor. The instructor must also be notified in advance as to the existence of such extraordinary circumstances.

* Online Testing Rules:

- For each exam, you will be given certain windows of time opportunities that the exam is available. For instance, if an exam is “open” for a certain 3-day period, this means you will have to take and finish the exam during that time frame.

- Once you begin an exam, you will be given a certain amount of time to finish it before it “closes” for you. During the “open” time, you will be able to go back to questions that you need to “re-think” or contemplate further.

- For the two-hour final exam, you are required to use ProctorU proctoring services. Please make an arrangement with ProctorU and pay the proctoring fee at least one week before the final exam.

- It is your responsibility to have a reliable computer and Internet connection for the exams and the class project.

* Final Grade:

- The letter grade in this course is determined in a precise mathematical way, which ensures that all students are treated absolutely uniformly. The grade total is divided among the various components of the course as follows:

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<td>Quiz</td>
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<td>Weekly exams</td>
<td>30%</td>
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<tr>
<td>Written report</td>
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<td>Video presentation</td>
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<td>Final exam</td>
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<td>Class contribution</td>
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<td><strong>Total</strong></td>
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* Grade lines are maintained in this course as follows:

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* A grade F will be given automatically for cheating or violating any academic policies described in *LSU Code of Student Conduct.* (For more information, contact *Office of the Dean of Students* in 340 LSU Student Union, Phone: 578-4307).

* Incomplete (I) grades will only be given to the students, doing passing work, who miss the final examination for valid reasons, and who have petitioned the instructor *in advance,* with substantiation of the reasons, for an I grade. Under no circumstances will an incomplete grade be given to avoid a low or failing grade.

* Grade appeals must be based solely on professional misjudgment on the part of the instructor. It would be unfair and unethical to ask for a grade change for any reason not related to quality work. For example, grades cannot be appealed simply to maintain a certain level of academic standing, to receive or maintain a scholarship, or to be eligible for a club or organization.

* If you have good reason to believe that a mistake was made in the assessment of your final grade, you have the right to formally appeal your grade. Please follow the official procedure in *LSU General Catalog.*

* Managerial Statistics is a very difficult subject to be handled by online study. Essentially, the student reads the lecture notes and textbook, listens to podcasts, works example and practice problems, and takes examinations on a regular basis. There are students who do well with self-paced courses like this, but some students prefer regular instruction via classroom lectures. If online education is not right for your learning style, please withdraw before the due date, and explore other options.

* **Academic Dishonesty:**

* You are expected and encouraged to discuss readings, case materials and the concepts covered by the course with your classmates. However, all written work must be the work of the individual student submitting it. In other words, do not falsely represent someone else's work as if it were your own.

* Do not save or print online test questions, or share them with other students. If you discuss test questions or content of tests with other students, this is a violation of test security, and will result in being reported for academic dishonesty.

* If you know of dishonest behavior occurring, you are ethically bound to report the breaches of honesty.

* We take academic dishonesty very seriously at LSU. Violations are considered not just academic violations, but *ethical* violations, which are especially unacceptable for future business professionals.

* **Bon Voyage !**