| Class Information | Benedictine University  
MBA 541A – Analytical Tools for Management Decisions  
Winter 2016  
Tuesdays, 6:30 - 9:30 PM  
January 12 – March 15  
Location: Refer to MyBenU |
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<td><strong>Course Information</strong></td>
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| **Instructor Information** | Dr. Bernard Silverman,  
Adjunct Instructor  
Phone: 630-369-6954; E-mail: bernie@bsilverman.com  
GBA Office: 630-829-6210  
(Meetings with students will be held before or after class by arrangement.) |
| **Course Objectives** | As a result of this course, students will be able to:  
• Identify and define key statistical terminology and concepts.  
• Compute basic descriptive statistics.  
• Describe a normal distribution and apply the concepts of the normal distribution to that of sampling distributions.  
• Apply probability theory and inferential statistics to make business decisions.  
• Perform regression analysis.  
• Analyze real-world data using various statistical techniques. |
| **Class Overview & Grading** | Skill at higher math is not required to do well at this course. Your grade depends on performance on an in-class midterm and final exam. In addition there may be a quiz or two during the first few weeks of class. I use a lecture format with lots of examples (going through problems). You are expected to ask questions when something is not clear, as befuddlement compounds over time unless it is immediately ameliorated. |
• Packet of Handouts by B. Silverman  
(Both Available on D2L) |
| **Important Reminders** | Syllabus will be distributed at the first class meeting. Handouts available on D2L (Desire to Learn). Most, if not all, of the test content comes from the lectures. The book provides an additional perspective on topics covered in class and excel examples. There is usually a voluntary review session on the Sundays prior to the mid-term and final exam for those who wish to attend.  
Students are expected to check the class Desire2Learn (D2L) site prior to the first night of class and on an on-going basis. |
| **Pre-Class Assignment** | If you can’t wait until the first class, read about Chi-Square for sure, permutations and combinations, and the binomial distribution secondarily. These topics are covered in Chapter 4, 180-187, Chapter 5, pp. 240-248, and Chapter 11, pp. 501-515. |
| **Notes** | Bernie Silverman received his Ph.D. in social psychology from Michigan State University. He is a registered psychologist in Illinois and is president of Bernard Silverman and Affiliates. He has done marketing research for 30+ years with concentrations in direct marketing, financial services, and retailing. He has over 20 academic publications and has taught one evening a week for the past 35 years at Benedictine University. |