| CLASS INFORMATION | Benedictine University Graduate Business Programs  
MBA 541 B – Analytical Tools for Management Decisions  
Fall 2016  
October 5th – December 7th  
Wednesdays, 3:00 - 6:00 PM  
Classroom location: Refer to MyBenU |
|---|---|
| INSTRUCTOR INFORMATION | Greg Sellers, Lecturer  
E-mail: gsellers@ben.edu; Phone: 630-983-4146  
Office Hours by appointment |
| COURSE OBJECTIVES | As a result of this course, you will be expected 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 statistical techniques. |
| CLASS OVERVIEW & GRADING | Two Case Studies 30%  
Quizzes and Exams 60%  
Class Participation 10%  
Quizzes and Exams. See the schedule in the syllabus for dates and logistics.  
- Class Participation. Students are expected to attend and actively participate in each week’s discussion as well as any D2L discussions in a professional manner. Students must complete the required research and be prepared to discuss the reading(s) during class. |
| REQUIRED TEXT | Author: Anderson, Sweeney & Williams  
Title: Modern Business Statistics with Microsoft Excel  
Publisher: Cengage  
Edition: 6th  
ISBN: 9781285867045 |
| IMPORTANT REMINDERS | Students are expected to check the class Desire2Learn (D2L) site prior to the first night of class and on an on-going basis.  
Due to the Thanksgiving Holiday, there will be no class on Wednesday, November 23th. We will be doing the normal 10 weeks of work in 9 weeks. |
| PRE-CLASS ASSIGNMENT | Obtain the required text and bring it to the first class.  
Read and study Chapter 1 to gain familiarity with the terminology and definitions of statistics.  
Review and practice the basic Excel skills. |
| Brief Notes from the Instructor | The emphasis in this course is on the application of statistics to real-world problems and situations. The emphasis is on concepts and applications.  
A significant goal of this course is to help students become proficient and comfortable with the use of Excel for statistical purposes. Microsoft Excel will be use to facilitate the mathematical computations. |