| CLASS INFORMATION | Benedictine University  
| MSBA_MIS 659 Business Analytics  
| Winter 2016  
| Mondays, 6:30 – 9:30 pm  
| January 11 – March 14  
| Location: Refer to MyBenU |
| COURSE PREREQUISITES | MBA 541 |
| INSTRUCTOR INFORMATION | Nathan Patrick Taylor  
| Cell: 630-336-0538; e-mail: ntaylor@ben.edu  
| No office location  
| No office hours – Appointments can be made to meet via Skype  
| GBA office phone: 630-829-6210 |
| COURSE OBJECTIVES |  
| - Develop analytical skills using data stored in spreadsheets and databases.  
| - Create data visualizations using various charting techniques and understand the appropriate use of the most common charts.  
| - Use descriptive statistics to summarize data and compute measures of location.  
| - Build predictive models and what-if analyses with trend lines.  
| - Apply techniques to extract data from the semantic web. |
| CLASS OVERVIEW & GRADING | Content:  
| - Reading text, lecture, and class discussion along with group and individual exercises.  
| - Solving bi-weekly problem sets  
| - Mid-term project  
| - Final project  

Grading:  
- Class preparation and participation = 10%  
- Problem sets and exercises = 50%  
- Final project = 40% |

Additional texts that will be helpful in completing problems sets and exercises will be posted on D2L. |
| IMPORTANT REMINDERS |  
| - Remember to complete your problem sets and required reading before each class.  
| - Be prepared to host a discussion about the problem sets with the class.  
| - Depending on class size, there will be group or individual exercises in class.  

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 | Login to D2L and review the site layout. This course relies heavily on materials posted on D2L. All homework is also submitted via D2L into each assignment’s dropbox.  

Read Chapter 1 from the Business Analytics textbook. |