## CLASS INFORMATION

**Benedictine University**  
**MIS 674 - Database Management Systems**  
**Spring 2016**  
**March 30th – June 1st**  
**Wednesdays, 6:30 – 9:30pm**  
**Classroom location: Refer to MyBenU**

## COURSE PREREQUISITES

MIS 543 and MIS 546

## INSTRUCTOR INFORMATION

Joe Kocinski  
Phone: 630-990-8864  
Email: jkocinski@ben.edu  
Office hours by appointment

## COURSE OBJECTIVES

As a result of this course, students will be able to:

- Explain the major steps of a database development methodology.
- Design a normalized database.
- Define data administration and database management roles and responsibilities.
- Implement a database application system, using a relational database of choice (Microsoft Access, Oracle, DB2, MySQL, etc.).
- Write basic SQL statements to define and access tables.
- Explain the importance of data security, integrity, and recovery.

## CLASS OVERVIEW & GRADING

This course explains effective database management and database design practices. The **Project** requires the design and implementation of a database application. The **Research Paper** allows the student to go deeper into a database-related subject and present their findings to the class.

### Course Requirements:

- Completed Course Project: 40%
- Research Paper: 20%
- Final Exam: 40%

## REQUIRED TEXT


## 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.

## PRE-CLASS ASSIGNMENT

1. Read Chapter 1 in textbook: **Modern Database Management**.  
2. Think about a potential **database application** for your **Course Project**.  
   (guidelines are on page 12 of syllabus)