

### **Course Description**

Information Systems for Business Professionals equips students to leverage information systems to make better business decisions, be more productive, gain competitive advantages and improve predictions used in solving business problems.

The course employs data management, statistical methods and analytics techniques using computer-based analysis to solve a variety of business problems. The topics we will cover include: the relational model, Structured Query Language (SQL), and business analytics. We will use Microsoft Excel, Microsoft Access, and Microsoft SQL Server.

### **Required Text**

Database Concepts 7th Edition; By David M. Kroenke, David J. Auer; Published by Pearson; Copyright © 2015; Published Date: Aug 1, 2014; ISBN-13: 978-0-13-354462-6.

### **Course Objectives**

- Describe core concepts of relational database technology, along with business intelligence and analytics used in business decision-making.
- Formulate solutions to business problems, and interpret business data models.
- Use critical thinking to explain the role of business data in aiding sound decision-making.

### **Overview of the Course**

- Three exams
- 7-8 quizzes
- 8-10 homework
- 1 paper