



Information Systems			
Instructor	Dr. Lombardi	Course	BUS 525
Office	BUS 106	Time	M 17:30 - 20:10
Email	telombardi@gmail.com	Program	Graduate / MBA
Phone	724-249-5553	Credits	3

## Course Description

A study of systems analysis and design. The student is led to view a business as an information system and to be aware of the skills and tools of systems analysis. A background in management science is helpful but not essential. Systems analysis is a profession dedicated to the effective application of computers to business management.

## Course Objectives

This course introduces students to the basic concepts of information systems. During this course, students will develop their ability to:

- Analyze the role of hardware, software, data, people and processes in the development, deployment and operation of information systems;
- Design and document information systems to support effective operations and decision making;
- Apply fundamental concepts of information systems to technical and business problems;
- Assess and interpret the role of human factors and security in information systems;
- Evaluate information systems based on their ability to address business problems.

## Readings

The instructor will assign required readings throughout the semester. The course website is <http://telombardi.github.io/is>

## Assignments and Grading

### Class Preparation and Participation

You are expected to come to each class on time and prepared to participate. Prepared students have:

- Read the assigned texts and multimedia materials prior to the class meeting;
- Reviewed the course notes;
- Studied the concepts to be discussed;
- Collected questions regarding the material and the course;
- Walk with pens or pencils, notebooks and assigned readings for the day.

In addition to these preparatory steps, **I assume that students check their UVI Email at least once per day.** When you cannot attend class due to a conflict, I expect that you will contact me via your UVI Email as soon as possible. Students may contact the instructor via email, phone or in person.

Students accrue participation points every day based on punctuality, attendance, preparation and attentiveness to classroom activities. Students cannot make up missed classes, and therefore, they should consider attendance mandatory. Your presence in class is a necessary, but not sufficient condition to earn participation points for a class. If students distract themselves or others from the planned activities for the day, those students will not receive full credit.

### Quizzes

Quizzes are short, unscheduled, assessments designed to check student comprehension of readings and course material. Students should expect a quiz every class session. No makeup quizzes will be given.

### Exams

Exams are comprehensive assessments of course content. Missed exams will not be rescheduled.

### Assignments and Projects

Assignments and projects help students practice core skills and review important concepts. **Unless otherwise instructed, students should work on assignments and projects individually.** The instructor will provide detailed descriptions of assignments and projects as the course progresses. Late assignments and projects will receive a 5% penalty per day.

### Summary of Graded Activities

Activities	Points
Preparation and Participation	100
Quizzes	100
Midterm	100
Assignments and Projects	100
Final	100
TOTAL	500

### Point-to-Final Letter Grade Conversion

A >= 475 | A- >= 450 | B+ >= 440 | B >= 410 | B- >= 400 | C+ >= 390 | C >= 350 | F < 350

## Comfortable Learning Environment

Students have the right to learn in a non-threatening environment that is free from intimidation or harassment. Shared resources and spaces must be kept free from offensive material. Students experiencing incidents which cause them to become uncomfortable should report these incidents to the instructor immediately. If the instructor is the source of intimidation or harassment, students should contact the Dean of the School of Business. As a courtesy to the instructor and to other students, please do not allow your computer or phone to become a distraction during class time. **As MBA students, I expect you to treat our class meetings with the same care and diligence as you would any business meeting.**

## Academic Integrity

The instructor assumes that each student has read the University's policy on Academic Integrity, published in the 2013-2014 Graduate Bulletin (pp. 10-11): [http://www.uvi.edu/files/documents/Provost/Catalog/2013-14\\_grad-bulletin-all\\_web.pdf](http://www.uvi.edu/files/documents/Provost/Catalog/2013-14_grad-bulletin-all_web.pdf). The instructor assumes that a student's work represents a sincere attempt to engage with the course of study outlined for this class. All cases of academic misconduct will be handled according to the procedures outlined in the Bulletin's policy on Academic Integrity. **Unless explicitly instructed otherwise, students are to complete all assignments in this class individually.** Students should seek help only from the instructor or his designee. The instructor considers violations of this policy a breach of the UVI Policy on Academic Integrity.

## Course Schedule

This course schedule provides a rough outline of the topics under review this semester.

Meeting	Topic of Study
1/9	Course Overview and Introduction to Information Systems
1/16	<i>Martin Luther King Jr. Holiday (No Class)</i>
1/23	Understanding and Documenting User Needs
1/30	Hardware
2/6	Software
2/13	Networking and the Internet
2/20	Data, Data Models and Databases
<b>2/27</b>	<b>Midterm</b>
3/6	<i>Spring Recess (No Class)</i>
3/13	The Life of Information: Enterprise Systems
3/20	Information Visualization
3/27	Exploratory Data Mining
4/3	Predictive Data Mining
4/10	Social Network Analysis
4/17	Information Security
4/24	Course Review
<b>5/1</b>	<b>Final Exam: Monday May 1 from 5:15 PM - 7:15 PM</b>

The instructor may change this syllabus.