



RMIS300 – Principles of Management Information Systems

Master Course Syllabus

Course Overview (QM Standards 1.2)

Course description: This course is an introduction to the development, selection, use, and impact of information and communication technologies and systems in modern organizations and enterprises.

Course Goals and Objectives:

- Describe the role of computer-based information systems in making decisions and in improving efficiency and effectiveness of the entire organization.
- Explain how organizations are using information systems for competitive advantage.
- Explain the concept of disruptive technologies.
- Examine the importance of software and its implications for the organization and strategic decision making.
- Emphasize the necessity for information security.

Pre-Requisites (QM Standard 1.6)

No pre-requisites are required for this course.

Minimum Technical Requirements and Online Resources (QM Standards 1.5 & 1.7)

In addition to a web browser (preferable Firefox) that is Blackboard compatible, you will need the following software in order to complete the activities in this class:

1. A communications infrastructure (e.g., modem, phone / cable lines, & internet Service Provider) capable of accessing the Internet in a stable fashion
2. A Pentium-level microprocessor or above
3. Microsoft Office 2003 Professional (Specifically - Excel 2003 and Access 2003) or higher versions. You will need to be able to view PowerPoint files in this course. If you do not have Microsoft PowerPoint or access to Microsoft PowerPoint, please visit the

Microsoft website and search for PowerPoint Viewer. Microsoft's website can be accessed at <https://www.microsoft.com/>.

4. Internet Explorer software (version 5.0 or higher) OR Netscape Navigator software (version 4.6 or 4.7 only)
5. Adobe Acrobat Reader: Test your computer by trying to open this file: PDF File. If you do not have Adobe Acrobat Reader, you can download it free from: <http://www.adobe.com/products/acrobat/readstep.html>
6. Virus Protection Software. This course requires you to download and upload files from your PC. Virus protection software protects your computer and my computer.

Online Resources: This course makes use of many online resources. I have made every effort to make sure the links I have are up-to-date. However, due to the changing nature of the web, you may find that a resource is temporarily unavailable or has been removed. If this should happen, please send me an email and I will find an alternative resource or modify the assignment accordingly.

Instructor Information (QM Standards 1.8 & 5.3)

Individual instructors complete this information.

Virtual Office Hours

I am available by email. I make sure I return your email within 24 hours during week days.

Personal Commitment

My personal commitments to you as a participant include:

I will reply to course mail messages within 24 hours;

I will read all discussion postings and will reply where appropriate within 3 days

I will acknowledge my receipt of every course mail message immediately upon reading it. If I am unable to respond to the request or concern at the time of initial reply, I will give you an estimated time for my next reply.

If I am going to be away from the course space for more than a day or two, I will send a message to you indicating the length of my absence.

I will regularly update information regarding due dates in the course announcements.

Optional/Required Course Materials (QM Standard 4.6)

You will find your required textbook information in the course catalog at <http://ilearn-wv.rocks.wvnet.edu>. All other required readings and videos are included in each of the modules.

Grading Policy (QM Standard 3.2)

Each module consists of a series of assignments, discussions and/or quizzes, each having specific point values. For each assignment or discussion you will be given the rubric or grading criteria from which you will be evaluated.

4 Exams worth 100 points each	400
2 Assignments worth 50 points each	100
1 Individual Project worth 100 points	100
Total:	600

The grading scale is as follows:

A = 540 - 600 pts.

B = 480 - 539 pts.

C = 420 - 479 pts.

D = 360 - 419 pts.

F = < 360 pts.

Module Objectives and Assessments (QM Standard 2.2, 2.3, 2.4, 2.5, 3.4, 3.5, 5.1)

Module 1

Length: 2 Weeks

Purpose: The purpose of this module is to show students how technology has helped bring about changes across industries and how modern enterprises can leverage technology for competitive advantage.

Objectives:

After you have completed the readings and activities for this module you will be able to:

- Identify and explain the concepts of information technology and information systems. [M1S1: Self-assessment, M1A2: Module Exam]
- Describe the role of computer-based information systems in making decision and in improving efficiency and effectiveness of the enterprise. [M1U2: Discussion, M1A2: Module Exam]
- Explain how organizations use information systems for competitive advantage. [M1A1: Article Review Assignment]

Module 2

Length: 2 Weeks

Purpose: The purpose of this module is to teach students the importance to about disruptive technologies, the network effects, and social media.

Objectives:

After completing this module, you will be able to:

- Explain why enterprises often fail to capitalize on disruptive innovations. [M2S1: Self-assessment, M2U1: Discussion, M2A2: Module Exam]
- Define network effects and identify products and services that are subject to network effects. [M2A2: Module Exam]
- Describe the factors that add value to products and services subject to network effects. [M2A1: Pivot Table Assignment, M2A2: Module Exam]
- Recognize the unexpected rise and impact of social media and peer production systems, and how these services differ from prior generation tools. [M2A2: Module Exam]

Module 3

Length: 2 Weeks

Purpose: The purpose of this module is to teach students how technology has enabled new businesses, information technology that aid in decision making and emergent technologies.

Objectives:

After completing this module, you will be able to:

- Recognize firms often categorized as part of the “sharing economy” or participating in “collaborative consumption.” [M3S1: Self-assessment, M3U1: Discussion, M3A2]
- Recognize the importance of software and its implications for the firm and strategic decision making. [M3A1: New Technology Article Discussion, M3A2: Module Exam]
- Define open source software and recognize how it differs from conventional software. [M3A2: Module Exam]

Module 4

Length: 2 Weeks

Purpose: The purpose of this module is to teach students how firms are using business intelligence tools, the basic vocabulary of the internet technologies and the needs for information security.

Objectives:

After completing this module, you will be able to:

- Identify the tools available for turning data into valuable information. [M4S1: Self-assessment, M4A1: Module Exam]
- Describe the technologies of the internet that help in finding answers to internet queries. [M4A1: Module Exam]
- Recognize the potentially damaging impact of security breaches. [M4U1: Discussion, M4A1: Module Exam]