

Xavier University

Exhibit

Management Information Systems Syllabi

Management Information Systems

2013

INFO 600-01-02 Information Technology Management

Elaine Crable
Xavier University

Follow this and additional works at: https://www.exhibit.xavier.edu/management_information_systems_syllabi

Recommended Citation

Crable, Elaine, "INFO 600-01-02 Information Technology Management" (2013). *Management Information Systems Syllabi*. 191.
https://www.exhibit.xavier.edu/management_information_systems_syllabi/191

This Restricted-Access Syllabus is brought to you for free and open access by the Management Information Systems at Exhibit. It has been accepted for inclusion in Management Information Systems Syllabi by an authorized administrator of Exhibit. For more information, please contact exhibit@xavier.edu.

Information Technology Management

INFO 600 Fall 2013

Instructor: Dr. Elaine Crable
Professor MIS
Office: 205 Smith Hall
Office Hours: By appointment or virtually before/after class meeting
Contact Info: crable@xavier.edu (513)745-2029

Course Description

The Course is an examination of systems and technology involved in the production of goods and the delivery of services. The predominant focus is on the manager's use of information and technology to influence the design, operation and control of systems in order to enhance competitive advantage and productivity. Topics covered include analysis of current information systems, identification and assessment of an organization's strategic use of information systems and trends of information technology development. This course explores business processes and information systems; it is highly integrative and will draw heavily from other functional areas in business. Current IT issues will also be explored in order for students to be aware of the intricate involvement of IT in business and personal operations.

Course Materials

We have no text book for the course but we will be using Harvard case studies available for purchase through STUDY.NET(see Module One of *Canvas.edu* for link) and all other readings will be free online through our library service links.

Course Objectives:

1. Recognize opportunities for using technology for innovative support of day-to-day operations, the generation of information to support management decision-making, and the strategic application of IT in a global business environment.
2. Student presentations and discussions of current information system technology and how it supports business now and in the future.
3. Develop awareness of the possible limitations of technology.
4. Focus on technology and how it relates to the strategy of a business.
5. Apply different IT concepts to the workplace.
6. Communicate in a virtual environment.
7. Build a sense of community using virtual tools and projects.

Technology Principles to Live By:

- Principle 1 – Just because you have more IT, doesn't mean you have better information.
- Principle 2 – InfoTech's value is determined in the way you use and manage it.
- Principle 3 – If InfoTech is the solution, what is the problem?
- Principle 4 – If you identify a problem, then who will be your problem solver?

Williams College of Business Mission

"We educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition"

How this course relates to this mission:

Technology has had a major impact on nearly every organization and on society at large. The course will critically examine these impacts via case analyses, readings on current topics, and in-depth discussions about the social issues of technology and the Internet. Ethical issues will be examined in all situations and a reflection on the topics along with future implications will be part of the course. Reflection is important because you can have an experience but miss the meaning without a reflection.

Deliverables at a Glance:

1. Online Participation (synchronous chat sessions)
2. Current IT issue presentation
3. Discussion of topics (asynchronous participation during the week)
4. Journal - Reflections of course
5. Team Technology Presentation to Class

Deliverables in Detail:

Online Participation (synchronous): Class participation (synchronous and asynchronous) is important in any course but it is critical in an online course. There will be required synchronous sessions during the term and you want to be prepared for these sessions by reading and listening to the assigned materials and participating in the Asynchronous Discussions during the week in the Discussion Forums in Canvas. The purpose of our synchronous meetings is to briefly discuss the topic and to allow students to present their Current Info Technology Event topics. Participation is expected in the Chat section of the course and when questions and polls are provided in our synch session.

Current IS Event/Issues Sharing (synchronous and asynchronous-your choice): In order to become more involved with information technology issues, you are to locate one current information technology issue dealing with the strategic use of technology and/or information systems (when possible, focus or relate your discussion to topic of the week such as data warehousing; e-Business, outsourcing, strategy, security, etc.) and present it to the class using PowerPoint. You are to do a 10-12 minute presentation of your issue during a synchronous meeting. Feedback from past students has indicated that is a very valuable assignment in this course. The current issues are interesting plus this online exercise will help prepare you for future virtual presentations that most assuredly you will be making in the near future since business is moving in this direction. Our sessions are archived so you can return to your presentation for some self-critiquing. Post your slides to the **Discussion Board Forum for Presentations** for the group to further discuss if they would like. (See the Grade Rubric for Presentations for further guidance. More instructions will follow during our first class.)

Discussion Questions (asynchronous participation): Another important element of participation in this online course is the class discussion forums in Canvas. There will be required discussions around the assigned cases and readings for each weekly topic. We will engage in guided discussions about the topics surrounding the readings via Canvas. Discussions will be prompted by questions/statements inviting you to approach the cases and readings from a specific perspective. You may also want to compare the situation in the case to your own industry or work

environment plus when appropriate add links to sites to help better understand the case and the issues in the case (if you add links you **must** provide a brief summary of the site so we understand how it supports your posting. Posting a link without a brief explanation of the link will not earn you any extra points.) The initial discussion forum questions serve as advance organizers to encourage critical thinking and informed participation. These are just to help get you started on your discussion. Each student posts their own initial thread. In addition to your original post, you should reply to **at least two** of your colleagues (two responses = an average score.) The purpose of this part of the assignment is to raise pertinent issues, expand the discussion, and to stimulate critical thinking regarding your colleagues' issues. You will want to respectfully challenge your colleagues' assumptions and predictions. You should visit the Discussion board every two days to keep up with the Discussions. You must not post everything at once but rather across the entire week to promote discussion as one would in a F2F classroom. See the deliverable list for posting deadlines. Create a schedule that works for you in order to keep up with assignments. It is quite different from a F2F class where you discuss a topic once and move onto another topic.

You are welcome to start your own topics in the Discussion Board area within the **“Water Cooler”** and **“Interesting Sites and Apps”** forums. You can post interesting sites that add value to some of our discussions in the Water Cooler. You can also post questions and concerns about the course so I can answer it for everyone in this same Forum. The other forum you want to visit is Interesting Apps and Web sites where you can post apps and web sites that you find interesting and think other students would as well.

The Discussion Board takes the place of F2F in class discussions and is vital for a successful experience. This is a collaborative experience which adds value to the course. A grading rubric is provided in Module One for the Discussion board activity and you will also see examples of exemplary postings. **(Note: Work in the Discussion Board can ‘make or break’ an “A” grade in the course...so BE ATTENTIVE. A “10” point score on a Discussion Forum activity means that it was Excellent. This type of score is rare but it can occur with careful thought and research.**

Case Summary/Analysis: Five case analyses will be submitted during the term. We have seven cases and you can choose five to analyze. You will find the grading rubric in Canvas.

For each case assignment, you should assume you were hired by the organization as a consultant. You are expected to make use of your knowledge of IS management, provide objective opinions on the organization's problems, and provide realistic options for actions in the organization. This will be in an executive summary format.

Reflection Blog Activity: Reflection blogs will be submitted during the term for the purpose of discussing past weeks' topics and experiences. You are to submit three to four paragraphs of what you believe were the key points you learned over that time and how it relates to you or your work environment. (See the **Deliverable list** for the exact due dates and Rubric Grading guide.)

Reflections should include, but not be limited to:

- How will the information from the past few weeks influence you or have they benefited you in your past weeks' work experience?
- What's your greatest "take away" from the past few weeks covered?
- What readings/activities were most/least beneficial? Why? Or why not?
- How is the online experience working for you? How could it be improved?

Group IT Presentation: The presentation project is to be done in teams and will be during one of our final synchronous sessions at the end of the term. Teams will be randomly created and posted in the “Module One” of Canvas ,however if you and someone else would like to be on the same team just let

me know. This will be similar to your individual presentation but it will go into more depth on a business information technology topic such as: Business Intelligence, Future of Health Care and Electronic records, Security issues for an organization, a Supply chain model for a business, Outsourcing advantages/disadvantages, Social networking in Business, RFID, Technology in Manufacturing, Videoconferencing Benefits and Challenges, Mobile Technology, Cloud Computing, Social Networking, and so on. The presentation is to discuss how information technology influences and is used in **business**, **not** just a discussion of the technology, but rather a presentation about information technology in a business sector(s). It will be 35 to 40 minutes in length (no longer than 40 minutes.)

Step One—Meet Your Team

- Meet with your team. Identify the contact person for the team and have that person email me the team member names and contact person (crable@xavier.edu). (Contact person is the facilitator but is not responsible for doing the whole project. He/she will post the final set of slides and Reference page to ***the Discussion Board Forum for Presentations*** and I will contact this person when I need to contact your team.)
- Arrange virtual meetings (text and voice capability), in such tools as Skype or Google. There are Collaboration tools in Canvas such as the “Big Blue Button” which I will explain. Decide on your topic and send it to me for approval, divide up the responsibilities, and begin your research.
- Be sure to send your topic to me for approval as soon as your group decides on one to “lock in” the topic for your team. You can send me a date choice as well.
- There will be a team evaluation required of all members of the team at the end of the term. This will be used as part of your final Group grade. It is a private submission and will not be shared.

Step Two—Prepare a Detailed Outline

- A detailed outline of the research project is due from each group later in the term. You can send me a high level outline any time before the due date if you would like some guidance. Check the deliverable list for due dates.

Step Three—Class Presentation

- The class online presentation should be approximately 35-40 minutes long (plan carefully and do not run over your time since you will lose points if you go over 40 minutes...aim for 35.) Use PowerPoint to guide your presentation and all members should participate in the presentation but members do not necessarily need to participate the same amount of time. Have the leader of the team post your PowerPoint slides and a sheet

with your references (9 to 12) to **the Discussion Board area for presentations.**

Exam

The final class week you will take a take home essay exam. More details will follow.

Grading:

Point totals will be distributed as follows:

Synchronous attendance	5%
Current Event	10%
Case Analysis	15%
Discussion Forum Participation	35%
Blog Reflections	5%
Group Research Project and Presentation	15%
Exam	15%

- A 95 to 100
- A- 91 to 94
- B+ 87 to 90
- B 84 to 86
- B- 80 to 83
- C+ 77 to 79
- C 73 to 76
- C 70 to 72
- D below 70

Note--Attendance at the synchronous sessions are expected. If you have a business or personal issue and will miss a meeting please inform me as soon as possible. All meetings will be archived and available for review at a later date and if you do need to miss a session you will need to write a one page summary of that session using the archive.

Academic Integrity:

Cheating (using or attempting to use unauthorized materials in an academic exercise), fabrication (falsifying or inventing information), facilitating academic dishonesty (helping or attempting to help another commit an act of academic dishonesty), and plagiarism (representing the words or ideas of another as your own and not citing the source) will result in a grade of F for the course. If you have any doubt about whether you're plagiarizing, ASK. **Students have been dismissed from Xavier for plagiarism. Be sure to cite all sources used in any work you turn in for credit.**