Course Description

Theory and practice of management information systems including information requirements analysis, design methodology, and system implementation considerations. Topics include new technology convergence, management of disrupted technology, technology impacts, and business continuity planning.

Prerequisites

None

Course Textbook


Course Learning Objectives

Upon completion of this course, students should be able to:

1. Identify the difficulties of applying information systems, although shown to be useful, into the modern organization.
2. Discuss the nature and scope of information systems.
3. Describe the Work System Analysis.
4. Analyze the processes that control and manage an organization.
5. Compare and contrast databases and database management.
6. Analyze communications systems.
7. Examine decision-making from a managerial perspective.
8. Explain the role of the customer in information systems.
9. Evaluate the driving ethical issues of information systems.
10. Recognize basic computer hardware.
11. Analyze software for a computer system, including artificial intelligence.
12. Assess the importance of telecommunications to the business.
13. Evaluate the process of planning and developing an information system.
14. Compare and contrast the four alternative approaches to building an information system.
15. Assess the importance of maintaining control of the information system.

Credits

Upon completion of this course, the students will earn three (3) hours of college credit.

Course Structure

1. **Unit Learning Objectives:** Each unit contains Unit Learning Objectives that specify the measurable skills and knowledge students should gain upon completion of the unit.
2. **Written Lectures:** Each unit contains a Written Lecture, which discusses lesson material.
3. **Reading Assignments:** Each unit contains Reading Assignments from one or more chapters from the textbook.
4. **Key Terms:** Key Terms are intended to guide students in their course of study. Students should pay particular attention to Key Terms as they represent important concepts within the unit material and reading.
5. **Discussion Boards:** Discussion Boards are a part of all CSU term courses. Information and specifications regarding these assignments are provided in the Academic Policies listed in the Course Menu bar.

6. **Unit Assessments:** This course contains eight Unit Assessments, one to be completed at the end of each unit. Assessments are composed of multiple-choice questions and/or written response questions.

7. **Unit Assignments:** Students are required to submit for grading Unit Assignments in Units I-VIII. Specific information and instructions regarding these assignments are provided below.

8. **Final Exam (Proctored):** Students are to complete a Final Exam in Unit VIII. All Final Exams are proctored—see below for additional information. You are permitted four (4) hours to complete this exam, in the presence of your approved proctor. This is an open book exam.

9. **Ask the Professor:** This communication forum provides you with an opportunity to ask your professor general or course content related questions.

10. **Student Break Room:** This communication forum allows for casual conversation with your classmates.

**Unit Assignments**

**Unit I PowerPoint Presentation**

Create a 7-10 slide presentation on the IT industry. You may use various sources including your textbook and the CSU Online Library. Be sure to cite all sources used in a reference slide with proper APA formatting. (Cover and reference slides do not count in the length requirement). You may also use the slide notes function.

Be sure to describe the following in your presentation:

- Three major trends of the IT industry (30pts)
- Importance to resources and leadership roles (20pts)
- Benefits of IT to business competition and ways to work (15pts)
- Basic components and types of computer systems (15pts)
- Applications and support software important to managers (15pts)
- Proper APA formatting of citations and references (5pts)

**Unit II Case Study**


- Analyze the case study, and develop the conclusions, recommendations, and implications.
- Consider the implementation challenges in the case and the technologies used to meet them, along with the final questions posed at the end of the case. (last paragraph on p. 165)
- Summarize your findings in a two page paper using proper APA formatting.

**Unit III PowerPoint Presentation**

Create a 7-10 slide presentation comparing and contrasting two major ERP systems from different ERP software providers. You may use various sources including the companies’ websites. Be sure to cite all sources used in a reference slide with proper APA formatting. (Cover and reference slides do not count in the length requirement). You may also use the slide notes function.

Be sure to include the following in your presentation:

- Two major segments ERP systems (25pts)
- Outline:description of each system (25pts)
- Summary of key applications within each system (25pts)
- Brief summary describing how such a system would be installed/implemented (20pts)
- Proper APA formatting of citations and references (5pts)
Unit IV Case Study

Analyze Case Study II-5: “The Cliptomania™ Web Store” (on pp. 308-320 in the textbook).

- Discuss the strategic issues faced by the company in launching and developing their e-business venture.
- Provide your recommendations and analysis.
- Summarize your findings in a two page paper using proper APA formatting.

Unit V PowerPoint Presentation

Create a 7-10 slide presentation comparing and contrasting two major off-the-shelf software packages that could be implemented in an organization. Identify which functionality would be likely to be used as-is, and highlight what may need to be added or modified. Briefly describe what issues you may be likely to face in the effort to modify the package. You may use various sources from company Web site. Be sure to cite all sources used in a reference slide with proper APA formatting. (Cover and reference slides do not count in the length requirement). You may also use the slide notes function.

Be sure to include the following in your presentation:

- Two major off the shelf software packages (25pts)
- Description of how they may be used in an organization (25pts)
- Identification of features to be used as-is, possible modifications and additions (25pts)
- Brief summary describing issues to be faced in the modification of the package (20pts)
- Proper APA formatting of citations and references (5pts)

Unit VI Case Study

Analyze Case Study III-5: “NIBCO’s ‘Big Bang’: An SAP Implementation” (on pp. 468-483 in the textbook).

- Discuss reasons behind NIBCO’s decision to implement an ERP system.
- Describe the pros and cons of the approach to implementation decided upon by NIBCO.
- Provide your analysis and recommendation for how the project was managed including its management structure.
- Summarize your findings in a two page paper using proper APA formatting.

Unit VII PowerPoint Presentation

Create a 7-10 slide presentation identifying, comparing, and contrasting the IT governance structure for two major companies with a global presence. You may use various sources from a company Web site, or select sources from the CSU online library. Be sure to cite all sources used in a reference slide with proper APA formatting. (Cover and reference slides do not count in the length requirement). You may also use the slide notes function.

Be sure to include the following in your presentation:

- Describe two companies with a global presence (20pts)
- Describe the IT governance organization and structure of each (25pts)
- Brief summary of identified key policies and procedures of each company (25pts)
- Compare and contrast each company’s IT Governance (25pts)
- Proper APA formatting of citations and references (5pts)

Unit VIII Case Study

Analyze Case Study IV-8: “Mary Morrison’s Ethical Issue (Revised)” (on pp. 666-667 in the textbook).

- Describe the ethical issues of the case as given in the pros and cons associated with Mary’s ethical decision.
- Explain what action you would take, and discuss your underlying rationale.
- Summarize your findings in a two page paper using proper APA formatting.
APA Guidelines

CSU requires that students use the APA style for papers and projects. Therefore, the APA rules for formatting, quoting, paraphrasing, citing, and listing of sources are to be followed. A document titled “APA Guidelines Summary” is available for you to download from the APA Guide Link, found in the Learning Resources area of the myCSU Student Portal. It may also be accessed from the Student Resources link on the Course Menu. This document provides links to several internet sites that provide comprehensive information on APA formatting, including examples and sample papers.

CSU Grading Rubric for Papers/Projects

The course papers will be graded based on the CSU Grading Rubric for all types of papers. In addition, all papers will be submitted for electronic evaluation to rule out plagiarism. Course projects will contain project specific grading criteria defined in the project directions. To view the rubric, click the Academic Policies link on the Course Menu, or by accessing the CSU Grading Rubric link, found in the Learning Resources area of the myCSU Student Portal.

Final Examination Guidelines

Final Examinations are to be administered to students by an approved proctor on a date that is mutually convenient. The student is responsible for selecting a qualified proctor that must be approved by the university.

A list of acceptable proctors is provided in the Examination Proctor Policy. To review the complete Examination Proctor Policy including a list of acceptable proctors, proctor responsibilities, proctor approval procedures and the Proctor Agreement Form, go to the myCSU Student Portal from the link below.

http://mycsu.columbiasouthern.edu

You are permitted four (4) hours to complete this exam, in the presence of your approved proctor. This is an open book exam. Only course textbooks and a calculator, if necessary, are allowed when taking proctored exams.

Communication Forums

These are non-graded discussion forums that allow you to communicate with your professor and other students. Participation in these discussion forums is encouraged, but not required. You can access these forums with the buttons in the Course Menu. Instructions for subscribing/unsubscribing to these forums are provided below.

Click here for instructions on how to subscribe/unsubscribe and post to the Communication Forums.

Ask the Professor

This communication forum provides you with an opportunity to ask your professor general or course content questions. Questions may focus on Blackboard locations of online course components, textbook or course content elaboration, additional guidance on assessment requirements, or general advice from other students.

Questions that are specific in nature, such as inquiries regarding assessment/assignment grades or personal accommodation requests, are NOT to be posted on this forum. If you have questions, comments, or concerns of a non-public nature, please feel free to email your professor. Responses to your post will be addressed or emailed by the professor within 48 hours.

Before posting, please ensure that you have read all relevant course documentation, including the syllabus, assessment/assignment instructions, faculty feedback, and other important information.

Student Break Room

This communication forum allows for casual conversation with your classmates. Communication on this forum should always maintain a standard of appropriateness and respect for your fellow classmates. This forum should NOT be used to share assessment answers.
Grading

Discussion Board (8 @ 2%) = 16%
Unit Assessments (8 @ 4%) = 32%
Case Studies (4 @ 5%) = 20%
PowerPoint Presentations (4 @ 5%) = 20%
Final Exam = 12%
Total = 100%

Course Schedule/Checklist (PLEASE PRINT)

The following pages contain a printable Course Schedule to assist you through this course. By following this schedule, you will be assured that you will complete the course within the time allotted.
By following this schedule, you will be assured that you will complete the course within the time allotted. Please keep this schedule for reference as you progress through your course.

**Unit I: Managing IT, Computer Systems, and Communication**

| Review: | □ Unit Study Guide |
| Read: | □ Chapter 1: Managing IT in a Digital World  
□ Chapter 2: Computer Systems |
| Discuss: | □ Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time) |
| Submit: | □ Assessment by Tuesday, Midnight (Central Time)  
□ PowerPoint Presentation by Tuesday, Midnight (Central Time) |

**Notes/Goals:**

**Unit II: Networking and Data Management**

| Review: | □ Unit Study Guide |
| Read: | □ Chapter 3: Telecommunications and Networking  
□ Chapter 4: The Data Resource |
| Discuss: | □ Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)  
□ Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time) |
| Submit: | □ Assessment by Tuesday, Midnight (Central Time)  
□ Case Study by Tuesday, Midnight (Central Time)  
□ Proctor Approval Form |

**Notes/Goals:**

**Unit III: Enterprise and Support Systems**

| Review: | □ Unit Study Guide |
| Read: | □ Chapter 5: Enterprise Systems  
□ Chapter 6: Managerial Support Systems |
| Discuss: | □ Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)  
□ Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time) |
| Submit: | □ Assessment by Tuesday, Midnight (Central Time)  
□ PowerPoint Presentation by Tuesday, Midnight (Central Time) |

**Notes/Goals:**
# MBA 5401, Management Information Systems

## Course Schedule

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| Read:   | ☐ Chapter 7: E-Business Systems  
|         | ☐ Chapter 8: Basic Systems Concepts and Tools |
| Discuss:| ☐ Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)  
|         | ☐ Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time) |
| Submit: | ☐ Assessment by Tuesday, Midnight (Central Time)  
|         | ☐ Case Study by Tuesday, Midnight (Central Time) |

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| Read:   | ☐ Chapter 9: Methodologies for Custom Software Development  
|         | ☐ Chapter 10: Methodologies for Purchased Software Packages |
| Discuss:| ☐ Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)  
|         | ☐ Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time) |
| Submit: | ☐ Assessment by Tuesday, Midnight (Central Time)  
|         | ☐ PowerPoint Presentation by Tuesday, Midnight (Central Time) |

### Notes/Goals:

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| Read:   | ☐ Chapter 11: IT Project Management  
|         | ☐ Chapter 12: Planning Information Systems Resources |
| Discuss:| ☐ Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)  
|         | ☐ Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time) |
| Submit: | ☐ Assessment by Tuesday, Midnight (Central Time)  
|         | ☐ Case Study by Tuesday, Midnight (Central Time) |

### Notes/Goals:
# MBA 5401, Management Information Systems

## Course Schedule

### Unit VII

#### Information Systems Resources and Management

- **Review:**
  - Unit Study Guide
- **Read:**
  - Chapter 13: Leading the Information Systems Function
  - Chapter 14: Information Security
- **Discuss:**
  - Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)
  - Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time)
- **Submit:**
  - Assessment by Tuesday, Midnight (Central Time)
  - PowerPoint Presentation by Tuesday, Midnight (Central Time)
  - Request to take Final Exam

#### Notes/Goals:

### Unit VIII

#### Security, Social, Ethical, and Legal Issues

- **Review:**
  - Unit Study Guide
- **Read:**
  - Chapter 15: Social, Ethical, and Legal Issues
- **Discuss:**
  - Discussion Board Response: Submit your response to the Discussion Board question by Saturday, Midnight (Central Time)
  - Discussion Board Comment: Comment on another student’s Discussion Board response by Tuesday, Midnight (Central Time)
- **Submit:**
  - Assessment by Tuesday, Midnight (Central Time)
  - Case Study by Tuesday, Midnight (Central Time)
  - Final Exam by Tuesday, Midnight (Central Time)

#### Notes/Goals: