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.

Course Textbook


Course Learning Outcomes

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.

1. **Unit Learning Outcomes**: Each unit contains Learning Outcomes that specify the measurable skills and knowledge students should gain upon completion of the unit.
2. **Unit Lesson**: Each unit contains a Unit Lesson, which discusses lesson material.
3. **Reading Assignments**: Each unit contains Reading Assignments from one or more chapters from the textbook.
4. **Learning Activities (Non-Graded)**: These non-graded Learning Activities are provided in Units I, III, V, VII, and VIII to aid students in their course of study.
5. **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.
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 II, III, IV, V, and VI. Specific information and instructions regarding these assignments are provided below. Grading rubrics are included with the Unit Assignments. Specific information about accessing these rubrics is 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. Only course textbooks and a calculator, if necessary, are allowed when taking proctored exams. The Final Exam is composed of multiple-choice and written-response questions.

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.

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**CSU Online Library**

There is a virtual library with resources, including both journals and ebooks, to support your program and your course at Columbia Southern University. eResources are accessible 24 hours a day/7 days a week from the CSU Online Library gateway page. To access the library, log into myCSU, and then click on CSU Online Library. Resources are organized in the library by title, but if you click on Research Guides, you will find eResources arranged by subject.

The Library Reference service is available 7 days a week; you can reach CSU's virtual librarians by e-mailing thevirtuallibrarian@columbiasouthern.edu. These professional librarians will be glad to help you develop your research plan or to assist you in any way in finding relevant, appropriate, and timely information.

Librarian responses may occur within minutes or hours, but it will never take more than 24 hours for a librarian to send a response to the e-mail address you have provided. Replies to reference requests may include customized keyword search strategies, links to videos, research guides, screen captures, attachments, a phone call, live screen sharing, meeting room appointments, and other forms of instruction.

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**Unit Assignments**

**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.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

**Unit III PowerPoint Presentation**

Create a 7- to 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
- Outline/description of each system
- Summary of key applications within each system
- Brief summary describing how such a system would be installed/implemented
- Proper APA formatting of citations and references

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

**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.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

Unit V PowerPoint Presentation

Create a 7- to 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 the 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
• Description of how they may be used in an organization
• Identification of features to be used as-is, possible modifications and additions
• Brief summary describing issues to be faced in the modification of the package
• Proper APA formatting of citations and references

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

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.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

APA Guidelines

CSU requires that students use APA style for papers and projects. Therefore, the APA rules for formatting, quoting, paraphrasing, citing, and listing of sources are to be followed. Students can find CSU’s Citation Guide in the myCSU Student Portal by clicking on the “Citation Resources” link in the “Learning Resources” area of the myCSU Student Portal. This document includes examples and sample papers and provides information on how to contact the CSU Success Center.

CSU Grading Rubrics for Papers/Projects and Assessments

The Learning Resource area of the myCSU Student Portal provides the rubrics, and information on how to use them, for written response questions in Unit Assessments, and Research Papers/Projects.

The course writing assignments will be graded based on the CSU Grading Rubric for all types of writing assignments, unless otherwise specified within assignment instructions. 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 rubrics, click the Academic Policies link on the Course Menu, or access it through the CSU Grading Rubric link found in the Learning Resources area of the myCSU Student Portal.
Final Examination Guidelines

Final Exams are to be administered to students by an approved Proctor. CSU approves two, flexible proctoring options: a standard Proctor, who is chosen by the student and approved by the university, or Remote Proctor Now (RP Now), an on-demand, third-party testing service that proctors examinations for a small fee.

Students choosing RP Now must have an operational webcam/video with audio, a high-speed Internet connection, and the appropriate system rights required to download and install software.

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, writing utensil, and a calculator, if necessary, are allowed when taking proctored exams.

You may use only your textbook as source material for your response. All source material must be referenced (paraphrased and quoted material must have accompanying citations). You may use the Publication Manual of the American Psychological Association (APA Style Guide) or the CSU Citation Guide for reference.

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.

Once you have completed Unit VIII, you MUST unsubscribe from the forum; otherwise, you will continue to receive e-mail updates from the forum. You will not be able to unsubscribe after your course end date.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tr>
<td>Unit Assessments (8 @ 4%)</td>
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<td>Case Studies (3 @ 10%)</td>
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<td>PowerPoint Presentations (2 @ 9%)</td>
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<td>Final Exam</td>
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<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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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.

<table>
<thead>
<tr>
<th>Unit I</th>
<th>Managing IT, Computer Systems, and Communication</th>
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| Review: | ☐ Unit Study Guide  
|         | ☐ Learning Activities (Non-Graded): See Study Guide |
| Read:   | ☐ Chapter 1: Managing IT in a Digital World  
|         | ☐ Chapter 2: Computer Systems |
| Submit: | ☐ Assessment |

| Notes/Goals: |

<table>
<thead>
<tr>
<th>Unit II</th>
<th>Networking and Data Management</th>
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<tr>
<td>Review:</td>
<td>☐ Unit Study Guide</td>
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</table>
| Read:   | ☐ Chapter 3: Telecommunications and Networking  
|         | ☐ Chapter 4: The Data Resource |
| Submit: | ☐ Assessment  
|         | ☐ Case Study  
|         | ☐ Proctor Approval Form |

| Notes/Goals: |

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<thead>
<tr>
<th>Unit III</th>
<th>Enterprise and Support Systems</th>
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<tr>
<td>Review:</td>
<td>☐ Unit Study Guide</td>
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</table>
| Read:    | ☐ Chapter 5: Enterprise Systems  
|         | ☐ Chapter 6: Managerial Support Systems |
| Submit:  | ☐ Assessment  
|         | ☐ PowerPoint Presentation |

<p>| Notes/Goals: |</p>
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<thead>
<tr>
<th>Unit IV</th>
<th>E-Business Systems, Concepts, and Tools</th>
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<tbody>
<tr>
<td>Review:</td>
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<tr>
<td>Read:</td>
<td>□ Chapter 7: E-Business Systems</td>
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<td>□ Chapter 8: Basic Systems Concepts and Tools</td>
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<td>□ Case Study</td>
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Notes/Goals:

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<th>Custom Software versus Software Packages</th>
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<tr>
<td>Review:</td>
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<td>□ Chapter 10: Methodologies for Purchased Software Packages</td>
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<td>Read:</td>
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<td>□ Chapter 12: Planning Information Systems Resources</td>
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Notes/Goals:
### Unit VII: Information Systems Resources and Management

| **Review:**          | □ Unit Study Guide  
|                      | □ Learning Activities (Non-Graded): See Study Guide |
| **Read:**            | □ Chapter 13: Leading the Information Systems Function  
|                      | □ Chapter 14: Information Security |
| **Submit:**          | □ Assessment  
|                      | □ Request to take Final Exam |

**Notes/Goals:**

### Unit VIII: Security, Social, Ethical, and Legal Issues

| **Review:**          | □ Unit Study Guide  
|                      | □ Learning Activities (Non-Graded): See Study Guide |
| **Read:**            | □ Chapter 15: Social, Ethical, and Legal Issues |
| **Submit:**          | □ Assessment  
|                      | □ Final Exam |

**Notes/Goals:**