Course Description

Intense competition and continually increasing customer expectations continue to force firms to become more efficient and more responsive in order to thrive. This, together with continuing advances in transportation and communication technology, and rapidly evolving internet-based strategy, has motivated the continuous evolution of the supply chain, and of techniques to manage it. At the same time, these rapid advances and new approaches provide exciting opportunities for managers and firms that are positioned to take advantage of them.

In this course, we will focus on key issues in operations management and information technology (IT). Topics include operations strategies, global operations, just-in-time systems, supply chain management, total quality management, and the interrelationship of IT with various business functions.

We will explore state-of-the-art logistics strategies, models, algorithms and tools for integrating the supply chain in ways that reduce system-wide costs, and improve system-wide service. We will discuss methods which firms can utilize to better deal with the randomness and variation inherent in real-world systems. We will identify new opportunities, issues, and concepts introduced with the growth of the Internet and ecommerce, including exchanges, collaborative forecasting, and others. We will also discuss decision support and information technology, and develop an understanding of the optimization tools used for logistics and supply chain network design.

Student Learning Objectives

After completing this course, students should be able to:

- Employ systematic procedures for analyzing the behavior of large and complex systems such as supply chain networks, collaborative design networks, and enterprise-wide processes.
- Describe the efficient operations of such systems, and the roles and responsibilities of different system participants.
- Assess how a business and its financial results would be affected by its IT infrastructure and the use of various managerial tools.
- Explain how the growth of the Internet and e-commerce has impacted business opportunities and risks, such as IT fraud and security, and discuss the principles for controlling such risks.
- Develop an understanding of the associated information technology and decision support systems, for example, the reporting, transaction support, and management report systems of relational databases.
Program Goals Supported

<table>
<thead>
<tr>
<th>MBA goals</th>
<th>Globalization</th>
<th>Analytical Skills</th>
<th>Communication</th>
<th>Ethics</th>
<th>Leadership</th>
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<td>Major</td>
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Prerequisites

None.

Prerequisites must have been completed with a grade of C- or better. This course must be completed with a minimum grade of C- to meet the requirements of a business major.

Required Text

Required Text:
Information Systems Today: Managing in the Digital World
by Joe Valacich and Christoph Schneider
Publisher: Prentice Hall 7th Edition (7e)

Recommended Text:
Business Analytics: Step-by-Step Tutorial (Second Edition)
by Narcyz Roztocki

Course Website

http://www.newpaltz.edu/~roztockn/moit.htm

Grading

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<tbody>
<tr>
<td>Online Exam 1</td>
<td>25%</td>
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<tr>
<td>Online Exam 2</td>
<td>25%</td>
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<tr>
<td>Online Quizzes/Homework</td>
<td>50%</td>
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All course work will be submitted electronically via Blackboard.

Dates to keep in mind

First class: May 24, 2017; Last class: June 28, 2017; End of session: June 28, 2017
Course withdrawal deadline: June 14, 2017
Final Online Exam - exams are commonly held on the last scheduled day of class
Expectations

Treat this class as you would your job: prepare by reading the text and doing assigned homework. Class participation in this online course is measured by taking the online exams and quizzes as well as by submissions of the assignments.

This course is run online through the Blackboard system. Academic Computing, Instructional Technology at SUNY New Paltz, will provide technical support. See their hardware and software requirements at: http://www.newpaltz.edu/summer/online.html

Students need have access to reliable high-speed internet connections. It is essential that students access Blackboard at least one week prior to the start of the course to address and correct any technical issues. All students are expected to check for new announcements EVERY DAY. The email address, as listed in Blackboard, should be correct and updated, as the instructor may contact students using Blackboard’s email feature.

Policies (applicable rules will be relaxed for students with documented health or personal problems)

- **Make-up exams:** a student who is unable to take an online examination at the scheduled time must contact the professor prior to the time of the scheduled examination to make alternative arrangements for completing it.

- **Assignments submitted after the deadline:** Late work will not be accepted.

- **Cheating and plagiarism:** students are expected to maintain the highest standards of honesty in their college work. Cheating, forgery, and plagiarism are serious offenses, and students that engage in any form of academic dishonesty will be subject to disciplinary action (see http://www.newpaltz.edu/advising/policies_integrity.html for college academic integrity policy). The School of Business Ethics Statement and Policy Regarding Unethical or Dishonest Behavior are appended, and can be viewed online at: http://www.newpaltz.edu/schoolofbusiness/adminacad_integrity.html and http://www.newpaltz.edu/schoolofbusiness/adminacad_behavior.html.

- **Online Identity Verification Policy:** http://www.newpaltz.edu/ugc/policies_onlineverification.html

- **Information on electronic SEIs:** students are responsible for completing the Student Evaluation of Instruction (SEI) for this course and for all your courses with an enrollment of three or more students. I value your feedback and use it to improve my teaching and planning. Please complete the form online during the last week of classes.
### Tentative Schedule

This outline is tentative and intended as a guide for planning purpose and it will be adjusted as class progresses. Check Blackboard and the class web page regularly for updates.

<table>
<thead>
<tr>
<th>Week</th>
<th>Week</th>
<th>Readings</th>
<th>Online Assignments/Projects</th>
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<tbody>
<tr>
<td>1</td>
<td>May 24 – May 30</td>
<td>Chapters 1 and 2</td>
<td>Online Quizzes 1 and 2</td>
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<td>2</td>
<td>May 31 – June 6</td>
<td>Chapters 3, 4 and 5</td>
<td>Online Quizzes 3, 4 and 5</td>
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<tr>
<td>3</td>
<td>June 7– June 13</td>
<td>Chapter 6</td>
<td>Online Quiz 6/Online Exam 1</td>
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<tr>
<td>4</td>
<td>June 14 - June 20</td>
<td>Chapters 7 and 8</td>
<td>Online Quizzes 7 and 8</td>
</tr>
<tr>
<td>5</td>
<td>June 21 - June 27</td>
<td>Chapters 9 and 10</td>
<td>Online Quizzes 9 and 10</td>
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<td></td>
<td>June 28</td>
<td></td>
<td>Online Exam 2</td>
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<td>June 28</td>
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<td>End of session</td>
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School of Business — Ethics Statement

School of Business students are expected to maintain the highest standards of honesty in their college work. Cheating, forgery, and plagiarism are serious offenses, and students that engage in any form of academic dishonesty will be subject to disciplinary action. While we prefer to adhere to a code of honor in the School of Business, due to national trends in cheating, forgery, and plagiarism, we are instituting this policy within the school. Any student found cheating, committing forgery, or plagiarizing may suffer serious consequences ranging from failing a specific piece of work to failing the course. In some cases, a student may be expelled from the School of Business and the college.

Your business education includes learning ethics and values. We trust that you have the basic foundation upon which we can build. You will be judged by your character as well as by your knowledge and skills since the business world increasingly demands ethical behavior of its employees. Honesty remains an admirable quality.

Cheating is defined as giving or obtaining information by improper means in meeting any academic requirements or in other aspects of your professional conducts. The use for academic credit of the same work in more than one course without knowledge or consent of the instructor(s) is a form of cheating and is a serious violation of academic integrity.

 Forgery is defined as the alteration of forms, documents, or records, or the signing of such forms or documents by someone other than the proper designee.

Plagiarism is the representation, intentional or unintentional, of another’s words or ideas as one's own. When using another person’s words in a paper, students must place them within quotation marks or clearly set them off in the text with appropriate citation. When students use another’s ideas, they must clearly identify the source of the ideas. Plagiarism is a violation of the rights of the plagiarized author and of the implied assurance by the students that when they submit academic work it is their own work product. If students have any issues with respect to the definition of plagiarism, it is their responsibility to clarify the matter by conferring with the instructor.

Cases requiring disciplinary and/or grade appeal action will be adjudicated in accordance with Procedures for Resolving Academic Integrity Cases, a copy of which is available in the office of the Vice President for Students Affairs, the office of the Provost for Academic Affairs, and in the academic Deans' offices.

We, the members of the SUNY New Paltz School of Business community, are committed to practicing the highest standards of ethical behavior and demonstrating integrity in all we do. We practice these standards and expect them to be demonstrated by others not only in our business dealings, but in all our relationships. Ours is a culture of integrity. For us, ethical behavior means adhering to certain standards in both public and private.

School of Business — Policy Regarding Unethical or Dishonest Behavior

The school maintains a system (including software and web-based resources), by which students are well informed, educated and required to acknowledge by electronic signatures, the ethics, honesty and integrity standards of the School of Business, and the consequences of violating those standards.

Instructors who identify any violators should report the incident to the Dean’s office for disciplinary action. The following procedure is followed by the dean’s office for handling such incidents.

Penalties:

The involved students may request an appeal through Academic Appeal Committee (undergraduate) or Graduate Council (graduate students).

First time offenders receive a failing grade for the course, which can only be changed based on a favorable outcome of the appeals process, if applicable. The dean’s office keeps a list of first time offenders. The offenders are also required to recertify their understanding of our ethics, honesty and integrity standards.

A second time undergraduate offender will be referred for possible dismissal to the Office of Student Affairs. A second time graduate student offender will be dismissed from the Master's degree program in which he or she is matriculated, subject to review by the Graduate Council.
Note: Once a student completes the training program, he/she shall be treated equally regardless of their previous educational experience and cultural norms. Instructors are encouraged to remind students of our ethics, honesty and integrity standards at the beginning of each course.