Appendix C: Course syllabus of the first supply chain management course
POM 4375 – OPERATIONAL MODELS FOR SUPPLY CHAIN MANAGEMENT  
CRN 27636  
IE 4395 – SPECIAL TOPICS IN INDUSTRIAL ENGINEERING  
CRN 27620  
Spring 2004  
BUSN 320  3:00 – 4:20 p.m.  TR  

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COURSE DESCRIPTION  
An examination of some of the major operational concepts and issues relating to the flow of materials,  
goods, services, and information through a company’s supply chain—the network of organizations that  
supply and transform materials and distribute final products to customers. The course seeks to provide  
an understanding of the importance of individual components (suppliers, manufacturers, distributors,  
and customers) in the operation of the supply chain. It will emphasize inventory-service level tradeoffs,  
risk pooling, and other operational concerns. Some of the more recent approaches designed  
for the effective and efficient operation of the supply chain will be discussed. Students will also be  
introduced to two application software packages used for supply chain management, SimFlex and  
mySAP.com.  

GENERAL COURSE OBJECTIVES  
• To allow the student an understanding of the role and function of supply chain management in a  
contemporary global operations setting.  
• To provide the student an appreciation of some of the more important strategic and operational  
issues and decision processes in managing the supply chain.  
• To help develop the ability to evaluate supply chain performance and to formulate supply chain  
strategy.  
• To introduce the student to two application software packages used for supply chain management.  

TEXTBOOK  

ATTENDANCE  
You are expected to attend classes regularly and on time. You take full responsibility when you miss  
class or come to class late. If you miss class, it is your responsibility to find out about new  
assignments/exercises and pick up missed handouts.
ACADEMIC INTEGRITY

In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Any student who commits an act of scholastic dishonesty (copying, plagiarism, collusion, taking an examination for another person, or any such act intended to provide unfair advantage to a student or group of students) is subject to disciplinary action. Evidence of academic dishonesty may be forwarded to the Dean of Students and may result in sanctions, including possible suspension or dismissal from the University.

EXAMS

There are three exams within the term. In lieu of a final examination, a project will be undertaken, for presentation/submission at the end of the semester.

Make-up exams will be given at the instructors’ discretion based on valid, documented excuses, and must be arranged in advance when possible.

PROJECT

The principal purpose of the project is to provide the students—working in teams of three or four—an opportunity to apply and demonstrate appreciation and understanding of the concepts, principles, and analytical tools covered in the course. The project will describe and analyze the supply chain of a manufacturing facility operating within the greater El Paso region, as well as recommend changes that may be needed for improving supply chain processes.

HOMEWORK ASSIGNMENTS

In certain instances, homework assignments will be required for submission. If you will be unable to make it to class when an assignment is due, it is your responsibility to arrange for someone (e.g., a classmate) to turn it in for you. An assignment will be given a score of at most 50% of points assigned if submitted beyond 10 minutes of the start of the class session; beyond 30 minutes, it will not be accepted/graded.

The answers to certain homework assignments will be posted at some later time, in order for students to note the correct analyses and answers.

CASE ANALYSES

A number of cases may be assigned for analysis and discussion. The dates of discussion will be announced beforehand, and students will be expected to read and analyze the cases in preparation for class.

QUIZZES

Quizzes may be given from time to time related to required readings and/or assigned exercises at any time during the class. There will be no make-up of missed quizzes.
SUBMISSION OF REPORTS

The term ‘report’ refers here to a written case analysis or project report. Reports are to be submitted in line with specified deadlines. Reports submitted after the deadline [a 10-minute grace period shall generally apply] will be given a score of at most 50% of points assigned. A score of zero shall be recorded when a report has not been submitted by the end of the session during which it is due.

POLICY ON GROUP WORK

Whenever a class activity (project, written case analysis, homework assignment) involves working in teams, a part of the score assigned will be based on the individual’s participation in the team effort.

For any group activity, only one paper/report will be due per team. It is extremely important and consistent with standards of academic integrity that each member of a team contributes to the group work. If any individual has not contributed towards the analysis and preparation of a written assignment/report, his/her name should not appear on the team’s paper/report. It shall be the team’s responsibility to ensure that this policy is complied with.

Team members are equally and jointly responsible for the timely submission of the team’s paper/report.

COURSE GRADING

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<tbody>
<tr>
<td>3 Exams @ 100 points</td>
<td>300 points</td>
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<tr>
<td>Assignments/Quizzes</td>
<td>100 points</td>
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<td>Project</td>
<td>200 points</td>
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The total percentage earned (with 600 points as base) will convert into letter grades as follows:

- 90 - 100 %: A
- 80 - 89 %: B
- 70 - 79 %: C
- 60 - 69 %: D
- 59 % and below: F

UNIVERSITY COURSE DROP POLICY

The last day to drop a course with an automatic "W" is Monday, March 8, 2004. After this deadline, students will be dropped from a course with a grade of "F".

A grade of "W" can be assigned after the deadline only under exceptional circumstances, and only with the approval of the instructor and the academic dean. In such a case, the student must petition for the "W" in writing and provide the necessary supporting documentation.
SPECIAL ACCOMMODATIONS

Should you have a documented disability and require any auxiliary aids, services, or accommodations, please see or call me in order to discuss your specific needs.

If you feel you may have a disability but do not have appropriate documentation, contact the Disabled Student Services Office at 747-5148, go to Room 106E Union, or e-mail: dss@utep.edu.

TOPICS TO BE COVERED

The topics listed below will be covered more or less according to the sequence indicated. The instructors reserve the right to make modifications to this list of topics, as well as the sequencing of their coverage in class, as may be deemed necessary.

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<th>Topics / Activities</th>
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<td>Chapter 2 – Supply Chain Performance: Achieving Strategic Fit &amp; Scope</td>
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<td>Chapter 3 - Supply Chain Drivers and Obstacles</td>
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<td>Chapter 4 – Designing the Distribution Network in a Supply Chain</td>
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<td>Chapter 5 – Network Design in the Supply Chain</td>
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<td>Chapter 6 – Network Design in an Uncertain Environment</td>
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<td>Introduction to SimFlex (Supply Chain Simulation Software)</td>
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<td><strong>Exam 1</strong></td>
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<td>Chapter 7 – Demand Forecasting in a Supply Chain</td>
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<td>Chapter 8 – Aggregate Planning in the Supply Chain</td>
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<td>Chapter 10 – Managing Economies of Scale in the Supply Chain: Cycle Inventory</td>
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<td>Chapter 11 – Managing Uncertainty in the Supply Chain: Safety Inventory</td>
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<td>Chapter 13 – Sourcing Decisions in a Supply Chain</td>
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<td>Chapter 16 – Coordination in the Supply Chain</td>
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<td>Chapter 17 – Information Technology and the Supply Chain</td>
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<td>Chapter 18 – E-Business and the Supply Chain</td>
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<td>Introduction to mySAP.com</td>
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<td><strong>Exam 3</strong></td>
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<td><strong>Project Presentations</strong></td>
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