SCM 607 – Distribution Center Operations and Management   Fall 2006
Instructor:  Dr. Larry Taube
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Office Hours:  MW from Noon - 3PM; and by appointment

PREREQUISITES:  SCM601 or MBA607 (or equivalent of either course)
CREDITS:   1.5 credit hours (seven week course)
FOR WHOM PLANNED:  Students in the SCM Post Baccalaureate degree program.
CATALOG DESCRIPTION: Management of warehouses and distribution centers.  Topics include: Role of Distribution Centers in Supply Chains, Information Technology, Materials Handling, Private versus Public Warehousing, Cost Controls and Performance Measurements.

STUDENT LEARNING OUTCOMES: On completion of this course, students will be able to:
1. Describe the changing role of Warehousing and the key influences impacting Warehousing as part of the total supply-chain process.
2. Describe the specific functional elements involving cycle time, velocity, and turn-over, in order to achieve warehousing operational effectiveness in both cost and service.
3. Develop the knowledge required for the design and layout of contemporary, customer-focused warehousing facilities as part of a total logistics network.
4. Describe the value-added roles of Material Handling systems, IT, bar-coding, labeling, racking, and cross-docking, to achieve maximum effectiveness in customer service and cost.
5. Explain the justification and rationale for decisions impacting Private vs. Public Warehousing, both operationally and financially.
6. Describe, through Case Studies, the critical aspects of Safety, employee relations, Inventory, OSHA Regulations, Government audits, documentation and security.

EVALUATION METHODS: Points
Case Memos (4@25)       100
Tour Memos (2@25)         50
Final Case Exam       100
Logistics in the Supply Chain Project: Paper 100
Supply Chain Project: Presentation 50
Total                  400

GRADING METHOD:  Letter grades:  A (276-300); A- (270-275); B+ (264-269), B (246-263); B- (240-245); C+ (234-239); C (216-233); Below 216 - F

REQUIRED TEXTS/READINGS/REFERENCES:
2. UNCG Blackboard. Supplemental readings, homework assignments and keys, and other materials relevant to this course are accessible through UNCG’s Blackboard online course management software. You must have an active UNCG email account to access Blackboard.
3. Current news media. It is important that you keep abreast of current events that are relevant to the subject of economic development, and attempt to relate them to course topics/readings.
ACADEMIC HONOR CODE: Each student is required to sign the Academic Integrity Policy on all major work submitted for the course. Refer to UNCG Undergraduate Bulletin.

STUDENT RESPONSIBILITIES:
1. The student is expected to attend all class sessions and complete assignments on schedule. Unexcused absences could result in a lowering of a student’s grade.
2. Participation based upon informed synthesis of reading material (assigned as well as other retrieved information by the students from relevant publications is expected.
3. Each student is required to perform a Logistics in the Supply Chain Project and write a paper (10–15 pages double-spaced) on a topic negotiated with Dr. Taube. The paper must be properly footnoted with references and citations. The paper can be done either individually or as a group of two.
4. For assistance in writing and organizing your research paper, please consult Kate, Turabian, Guide to Thesis Writing and/or Aaron, Jane E., The Brown Essential Handbook for Writers.

Logistics in the Supply Chain Project: Each student will develop an individual project that analyzes a logistical supply chain issue relevant to the course material, conducting independent research over the duration of the course. This project will afford students the opportunity to consider topics discussed in class in the context of a particular component of a firm’s supply chain. Each student will submit the project report at the end of the course. All project papers should include the following sections:
   a) Introduction: List the objective of the paper and scope of your analysis.
   b) Body: This includes the main sections of your paper. Make sure that your paper is analytical rather than just descriptive.
   c) Conclusion: Discuss your conclusions as well as suggestions for future research.
   d) References: List all the references you used in your paper.
   e) Appendix sections: Tables, annual reports, statistics, and other relevant information.

Possible topics include the following suggestion:
**Key Success Factors for Managing Distribution Centers**

   ADD

As Logistics and Transportation Systems evolve, efficient and effective operations require integration of this data into corporate and system databases. Many firms have developed highly reactive information systems and logistics systems, forming a competitive weapon in the marketplace.

Dimensions
♦ Current status of electronic commerce and information resources
♦ Impact of ecommerce on Logistics Systems
♦ Effective and/or Efficient Logistics and Transportation Systems in this global competition
♦ Future requirements
## COURSE SCHEDULE:

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Deliverable / Notes</th>
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| 8    | October 16 | Contemporary Logistics  
• Murphy: Chapter 8  
• Murphy: Chapter 10 |                     |
| -    | October 22 | Deliverable → Case Memo: Case 8-1                                    |                     |
| 9    | October 23 | Contemporary Logistics  
• Murphy: Chapter 5  
• Murphy: Chapter 12 | Student Presentations of Articles at end of Chapters  
(one for each seven weeks) |
| -    | October 29 | Deliverable → Case Memo: Case 12-1                                   |                     |
| 10   | October 30 | Distribution Center Tour  
• Polo/Ralph Lauren | Possible Tour Report (need to do 2 of 3): Due 11/6 |
| -    | November 5 | Deliverable → Case Memo: Case 10-1                                   |                     |
| 11   | November 6 | Distribution Center Tour  
• Liberty Hardware | Possible Tour Report (need to do 2 of 3): Due 11/13 |
| 12   | November 13| Contemporary Logistics  
• Murphy: Chapter 14  
• Articles on DC Measurements |                     |
| -    | November 19| Deliverable → Case Memo: Case 14-2                                   |                     |
| 13   | November 20| Distribution Center Tour  
• UPS or FedEx | Possible Tour Report (need to do 2 of 3): Due 11/27 |
| 14   | November 27| Final Case Exam  
• Research Papers (for SCM 607 students) |                     |
| -    | November 27| Deliverable → Final research paper (607)                            |                     |

### Helpful Internet Links:

- [www.supplychainlink.com](http://www.supplychainlink.com)
- [www.cml1.org](http://www.cml1.org)
- [www.inddist.com](http://www.inddist.com)
- [www.nitl.org](http://www.nitl.org)
- [www.logisticsworld.com](http://www.logisticsworld.com)
- [www.cpfr.org](http://www.cpfr.org)
- [www.trafficworld.com](http://www.trafficworld.com)
- [www.transporttopics.com](http://www.transporttopics.com)
- [www.nawd.org](http://www.nawd.org)
- [www.mmh.com](http://www.mmh.com)
- [www.mheda.org](http://www.mheda.org)
- [www.mhia.org](http://www.mhia.org)
- [www.warehouselogistics.org](http://www.warehouselogistics.org)
- [www.automotivesourcing.com](http://www.automotivesourcing.com)
- [www.tradecompass.com](http://www.tradecompass.com)
- [www.exportinstitute.com](http://www.exportinstitute.com)
- [www.packagingdigest.com](http://www.packagingdigest.com)
- [www.americanshipper.com](http://www.americanshipper.com)
- [www.logisticsworld.com](http://www.logisticsworld.com)
- [www.supply-chain.org](http://www.supply-chain.org)
- [www.warehousemag.com](http://www.warehousemag.com)