



LSCM 3960: Logistics & Supply Chain Management Section 003 – Room BLB 250

Fall 2016

3 Semester Hours Thursday Nights 6:30 – 9:20

Course Description

Analyze the design of domestic and international logistics systems. Topics include: transportation, warehousing, inventory control, material handling, packaging, and plant and warehouse locations with network mapping for best location selections. Emphasis on practical concepts that provide firms a global competitive advantage.

General Overview

“Logistics & Supply Chain Management” is designed to provide a comprehensive overview of and understanding of the logistics’ industry with an emphasis on warehousing techniques used within the industry today.

Instructor: Bryan Wahlberg, M.S.

Conference Hours: By appointment: I will be available in our classroom before or after any class meeting.

Email: You may email me directly at: bryan.wahlberg@unt.edu

Course Goals

The overarching goal of this course is to develop an understanding of the role Logistics and Supply Chain plays in our global economies. We will review warehouse concepts used by many of the Fortune 500 companies to get the raw goods to factory and, more importantly, finished goods to market. This course is designed to provide basic skills and understanding needed by logistic professionals to manage the demands of the supply chain

Course Objectives

Upon successful completion of this course, students will have a basic understanding of:

- Elements that drive what is Supply Chain Management is: Globalization, Technology, Organizational Consolidations, and Governmental Policies and Regulations
- The Valuable Role Logistics and Supply Chain play within an Organization: Costs, Competitiveness, Logistics Channels, Analysis of KPI's
- Global Dimensions of Supply Chains: Free Trade Agreements, Global Operations, Storage Facilities, Packaging and Global Market Strategies

- Supply Chain Relationships: Types of Relationships, 3PL Providers, Collaboration Relationships
- Supply Chain Performance Measurement and Financial Analysis: Performance Categories, Revenue-Cost Savings, Supply Chain Financial Impacts
- Supply Chain Technology-Managing Information Flows: Complexity of Information, Framework for Managing Supply Chains, Business Intelligence, Implementation, RFID
- Demand Management: Balancing Demand Vs. Supply, Seasonal Influences, Weighted Averages, Demand Management
- Order Management and Customer Service: Influencing the Order, Costs of Stock outs, Order Fulfillment, Order Management Influence on Customer Service
- Managing Inventory in the Supply Chain: Inventory in the Firm, Safety Stock, Time/In Transit, Fundamental Approach to Managing Inventory
- Transportation – Managing the Flow of the Supply Chain: Modes of Transportation, Transportation Planning, Documentation, Rate Negotiations
- Distribution-Managing Fulfillment Operations: Role of the Operations in SCM, Distribution Metrics, Warehouse Management Systems
- Supply Chain Network Analysis and Design: Long-Range Planning, Logistics/Supply Chain Network Design, Facility Analysis, Modeling Approaches
- Sourcing Materials and Services: Importance of Purchasing, Develop Sourcing Strategy, Supplier/Vendor Evaluation and Relationships, e-sourcing
- Operations-Producing Goods and Services: Productions Management Role, Production Tradeoffs, Production Challenges, Cycle Time, Packaging
- Supply Chain Sustainability: Reverse Logistics, Close Loop System, Value Stream for Reverse Flows, Technology
- Strategic Challenges and Change for Supply Chains: Products Closer to the Customer, Security, Think Beyond Costs, Global Strategies

Each of the above student learning outcomes must be performed at an appropriate level as stated in each course assignment requirements, grading scale or rubric.

Readings and Course Materials

Outside Readings

Malcolm Gladwell , **Outliers**: Back Bay Books Little, Brown and Company, 2010

Required Texts

John J.Coyle, C JohnLangley, Brian Gibson, Robert A. Novack and Edward J. Bardi, **Supply Chain Management: A Logistics Perspective 9th Edition**: Thomson Southwestern Cengage Learning, ISBN-10: 0538479183; ISBN-13:978:0538479189. Note: While there is an international edition available, be aware the order of the chapters as well as some of the content differs. The jury is out on the eBook edition. If you choose to use either edition you are responsible for identifying the differences and studying accordingly.

Course Structure/Approach

This course meets in the face-to-face classroom. It involves individual, partner, small group, and whole class learning. Students will form small groups for discussions when directed to do so by the professor and will work with a variety of collaborative partners on several projects. Students will utilize Blackboard for turning in written assignments using the Blackboard Assignment Tool.

Course Requirements

Attendance and Participation:

This is an interactive course. In-class assignments cannot be made up. If you are scheduled to present, it is your responsibility to be in class to share your work or lead a discussion.

Must Do's:

- If you want an **(A)** Attend and Participate **In Class**, Outliers and Logistic discussions
- Correct submission of your **resume** (format, name, and on-time) and complete the **Resume Authorization** assessment. – **Due by Sept 15** (50 points)
- **What Are You Meant To Do – Due Sept 15 - .ppt** past and future timeline (50 points)
- Team Project Track-a-Treat game, students will be in teams of 10-12 people and create a real-life supply and demand logistics forecasting game, Positions within the team: Buyers, sales, customs, documentation, Logistic Manager, Finance, Warehouse Engineer, Forwarder, Quality Manager (200 Points – Team Presentations)
- Participate in 1 **professionalism** activities (Off Campus professionalism must have prior approval from the instructor) (50 points)
- **SCOR Project** – Review the SCOR Process a **Two Page Overview** of your favorite product – I want you to research and provide a product flow chart with an Executive Summary of the process – No more than 2 page, referencing the company's corporate website and create a P&L statement (100 points)
- **Inco Terms Project** This is a project to review the INCO terms, Terms Domestic Sales and Rate of Exchange project – Demand Management. – Grade yourself using Rubric (100 points)
- Approximately 50% to 60% of the exam questions are drawn directly from the text and readings. Read the text carefully and completely. Complete 16 online quizzes during their availability period to extend your general knowledge of the text.
- Approximately 40%-50% of exam questions will come from the class sessions. Copies of PowerPoint's will be posted after the class sessions.
- **All assignments must be turned in on time, printed with a student rubric already graded, failure to comply will result in one grade deduction.**
- Complete 2 cumulative **midterm examinations**
- An individual **final examination**

Note: Students who fail to engage with the course materials in a timely manner risk being administratively dropped from the class.

Time commitment: Business students are expected to devote approximately 3 hour per week to study for every unit of coursework. Logistics students should anticipate spending 4 hours weekly engaged with course readings and learning experiences.

UNT Policies - Disability Support Policy Statement

The College of Business Administration complies with the American Disability Act in making reasonable accommodation for qualified students with a disability. If you have an established disability, as defined in the Americans with Disability Act and would like to request accommodation, please see Dr. Farris as soon as possible.

Academic Integrity

Honesty in completing assignments is essential to the mission of the University and to the development of the personal integrity of students. In submitting graded assignments, students affirm that they have neither given nor received unauthorized assistance, and that they have abided by all other provisions of the Code of Conduct in the UNT Student Handbook. Cheating, plagiarism, fabrication or other kinds of academic dishonesty will not be tolerated and will result in appropriate sanctions that may include failing an assignment, failing the class, or being suspended or expelled. Suspected cases in this course may be reported to Student Life. For additional information about the University Integrity policy go to <http://VPAA.unt.edu/academic-integrity.htm>

Instructor Travel

If I am pulled away in the event of travel, I will hold an on-line class using GoTo meeting. The lecture materials will be sent prior to the call. This will be held in a business webinar meeting format. I will be using your UNT email address to communicate these details prior to class.

Assignments

Assignments and resources are numbered sequentially. You will be provided an assignment sheet and a rubric for each of the following assignments. These documents will contain complete information and criteria for assessment. Unless specifically directed otherwise, all assignments will be submitted electronically via Blackboard.

Class Preparation and Participation: Individual Assignment

Students are expected to attend every face-to-face class, arrive on time, stay for the entire class, and to prepare by reading assignments before arriving in the classroom. Students who are late, leave early, or miss a class will not earn full class participation points.

Assessment

All students are expected to engage in high quality learning processes and produce high quality products. All assignments must be original work composed for this course. Students must cite their sources. Plagiarism will not be tolerated.

A rubric will be provided for each course assignment. The final course grade is based on this point system:

Class Participation (15 @ 10 pts. each).....150 points
On-Line Quizzes (16@ 10 pts. each).....160 points

Resume.....50 points
What Are You Meant To Do.....50 points
Professionalism (1 @ 50 points each).....50 points
Outliers/Question of the Day (16 @ 10 pts. each).....150 points

Flow Chart/SCOR Executive

Summary..... 100 points
Terms of Sales, Inco Terms, Rate of Exchange, DM....100 points
Track-A-Treat Game.....200 points

Exam #1..... 100 points
Exam #2..... 100 points
Final Exam..... 225 points

Total Possible Points 1435

Final Grades (Also see Absence Policy):

90% – 100% = 1435 – 1291 points = A
80% – 89% = 1290 – 1148 points = B
70% – 79% = 1147 – 1004 points = C
60% - 69% = 1003 - 861 points = D

Key		
Attendance	150	10.00%
Outliers	150	10.00%
Quizzes	160	10.00%
What Meant To Do	50	4.00%
Resume	50	4.00%
Professionalism	50	4.00%
Terms	100	7.00%
Track – Treat Team	200	14.00%
Exam #1	100	7.00%
Scor	100	7.00%
Exam #2	100	7.00%
Final	225	16.00%

Class Participation (160 points = 10%)

Students are expected to attend every face-to-face class, arrive on time, stay for the entire class, and to prepare by reading assignments before arriving in the classroom. Students who are late, leave early or miss a class will not earn full class participation points. **We will have a question of the day and this is how attendance/participation grades will be tracked. I will also assign a class number to simplify sorting and grading.**

Resume (50 points = 4% Grade)

Time to start thinking about graduation! Got your resume ready? You should!

Your assignment: Electronically submit your resume in Microsoft Word .DOC format (no other formats accepted). Using the Learning! Assignment feature no later than 6:00 PM on Thursday September 15. To receive full point name your resume file using your last name and the term you will graduate. For example: “Wahlberg_Fall_2016.DOC”. Failure to properly name your file will result in a 50% penalty. The logistics faculty may use this version of your resume to send to companies that contact us throughout the semester so make sure it is your very best, no excuses. No updates after the deadline will be accepted. There is a 100% penalty for late submissions. Students adding the course after September 15th will have 48 hours to make-up this exercise from the time they start the course. In addition, to receive submission point, you must have completed the Resume Authorization via the Learn! Assessments feature prior to the resume submission deadline. Within the authorization, you may request your resume **NOT** be distributed to potential employers.

What Am I Meant to Do (50 points = 4% Grade) Prepare a 3-5 slide PowerPoint based on your past experiences and really think about what you want to accomplish in your life. Think about it from a personal and professional perspective. Use my life example slides from our first lecture as an example. (Submit in Blackboard)

Professionalism (50 points = 4%)

The UNT Professional Program in Logistics is very proud of its close relationship with industry and our emphasis on professionalism. This semester the Logistics Executive Lecture Series has planned at least six Friday noon to 1 PM sessions allowing the student to meet and actively interchange with logistic executives and at least four On-Boarding sessions. You may earn up to 50 points per speaker attended.

If you cannot attend these events due to work or class schedule conflicts, you may find an alternative such as an evening professional meeting. You may also utilize your connections at work and discuss a topic with an executive within your company to earn these points. (Prior approval from the instructor is needed).

Outliers/Question of the Day (160 points = 10%)

Review of how the environment around us helps to make a person successful in the world. This is a look into scenarios and achievements of people who fall outside of normal bell curves. The goal is to help explain and examine how you can be successful in your life and career choices.

On-Line Quizzes (160 points = 10%)

Each week you will have a 10 question multiple choice quiz to complete prior to class. They will lock out at 6:30 PM. These questions will be based on the chapter summaries. Note: To the student's advantage. **Please use your class number to simplify sorting and grading.**

One Page Supply Chain Flow Chart/SCOR/Executive Summary (100 points = 7%)

I am looking for you to choose your favorite product, do a little research on the company and provide a brief overview of the supply chain flow and SCOR Process. I want a condensed Executive Summary Research is the key. Pages 20, 21, 268, 269, 270, 271 – I want to see your creativity on how you can provide condensed precise information. (Submit in Blackboard)

Format of Paper – Printed/Graded
Rubric Top Page – with Student's already Graded Version – (Instructors Grade Is Used)
Printed Word Copies

Printed .ppt Copies
Printed Excel Copies
Turned In at Class time – do not send soft copy e-mails one grade deduction if I have to print and organize

Domestic Terms of Sales, Inco Terms, Risk, Rate of Exchange, Demand Management (100 points = 7%)

Create a two page individual review comparing the domestic terms of sales Vs. Inco Terms. Specifically review the risk elements. Answer who bares the risk of the good if a truck is wrecked or a vessel sinks. I also want you to review the ROE. Answer how companies can make money off the ROE when buying goods from foreign suppliers. Use a Demand Management Forecasting Model. This will be a peer review, and then a group presentation Max 5 slides. (Submit in Blackboard)

Format of Paper – Printed/Graded
Rubric Top Page – with Student’s already Graded Version – (Instructors Grade Is Used)
Printed Word Copies
Printed .ppt Copies
Printed Excel Copies
Turned In at Class time – do not send soft copy e-mails one grade deduction if I have to print and organize

Track-a-Treat Group Project: (200 Points = 14%) – P&L, Forecast, Job Description, Flow Process, Quality Controls, Performance KPI’s – Group Presentation – weekly blackboard team communication.

Exams (200 points = 14%)

Two assessments on the materials covered from the text and in-class materials. This is your chance to display your knowledge of the materials.

Final Exams (225 points = 16%)

The final exam will be a cumulative review of all the materials reviewed in class and exams. I will test your knowledge of the material covered in class room discussions, quizzes, and assignments. The majority of the test material is based upon prior exams and quizzes.

Assignment Policies

1. If unable to complete an assignment by the scheduled date and time, the student must make arrangements with the professor **prior** to the scheduled date. As a general policy, missed assignments and tests may **not be made up**.
2. Assignments must be submitted **before or by the due date and time (6:30 PM Day of the class) to receive full credit**.
3. Unless **prior** arrangements are made, **late work will earn half the points**.
4. Unless stated otherwise, all assignments must be submitted **electronically**. Writing errors, such as spelling, punctuation, and grammatical errors, will be taken into consideration and may lower the grade. All assignments should be **professional** in appearance, such as you would submit to a principal or other employer.
5. Students are permitted and encouraged to **proofread** each other's assignments.
6. Make a **copy** of every assignment before submitting it to the professor.

7. In the event of an unusual final point distribution, the final point requirements may be lowered. This is solely at the **professor's discretion**.
8. **No grades of “incomplete”** will be given in this course, except as defined in the UNT Student Handbook.
9. **Do not plan on Extra Credit**
10. **Challenge Policy** you have until the start of the next class to submit a **written** request for a re-grade (known as a “challenge”) after an exam or assignment has been returned to the class. To earn additional point you must convince me in writing why your answer is correct.
11. **Rubric Assignments must be used – printed, turned in a class & graded.**

Course Calendar

DATE DUE	ASSIGNMENT	WHERE TO SUBMIT	POINTS POSSIBLE
Sept 1	Course Overview Resume Examples Chapter 1 – SCM: An Overview (Pages 3-29) Question of the Day (20) Track-A-Treat Group Order Due	In Class QOTD	20
Sept 8	Chapter 2 – Role of Logistics in Supply Chains (33-70) Online Quiz (Chapter 1 &2) (20) Outlier Chapter 1 – The Matthew Effect (Pages 15-34) (20) Track-A-Treat Game (Practice Round)	Online Quiz Chapter 1 & 2 before 6 PM, Sept 8, In Class QOTD	40
Sept 15	Chapter 3 - Global Dimensions in a Global Economy (Page 75-106) Online Quiz (10) Outlier Chapter 2 – The 10,000 hour rule (Pages 35-68) (20) Resume Due (50) Meant To Do? (50)	Online Quiz before 6 PM Sept 15, What Are You Meant to DO? In Class QOTD Resume – In Class	130
Sept 22	Chapter 4 – Supply Chain Relationships (Pages 107-136) Online Quiz (10) Outlier Chapter 3 - The Trouble with Geniuses – Part 1 (Pages 69-90) (20) Track-A-Treat Game (Round 1)	Online Quiz before 6 PM Sept 22, In Class QOTD	30
Sept 29	Chapter 5 – Supply Chain Performance Measurement and Financial Analysis (Pages 137-178) Online Quiz (10)	Online Quiz before 6 PM Sept 29, In Class QOTD	130

	Outlier Chapter 4 - The Trouble with Geniuses – Part 2 (Pages 91-115) (20) Supply Chain Flow/SCOR Process (100) Track-A-Treat Game (Round 2)	These will be shared during our breaks)	
Oct 6	Chapter 6 – Supply Chain Technology – Managing Information Flow (Pages 179-214) Online Quiz (10) Outlier Chapter 5 – The Three Lessons from Joe Flom (Pages 116-160) (20) Exam #1 (Chapters 1-6) (100)	Online Quiz before 6 PM Oct 6 In Class QOTD Exam #1 – In Class	130
Oct 13	Chapter 7 – Demand Management (Pages 215-255) Online Quiz (10) Outlier Chapter 6 – Harlan, Kentucky (Pages 161 – 176) (20) Professionalism #1 (50) Track-A-Treat Game (Round 3)	Online Quiz before 6 PM Oct 13, In Class QOTD Professionalism – In Class	80
Oct 20	Chapter 8 – Order Management and Customer Service (Pages 255-310) Online Quiz (10) Outlier Chapter 7 – The Ethnic Theory of Plane Crashes (Pages 177-223) (20)	Online Quiz before 6 PM Oct 20, In Class QOTD	30
Oct 27	Chapter 9 – Managing Inventory in the Supply Chain (Pages 311-394) Online Quiz (10) Outlier Chapter 8 – Rice Paddies and Math Tests (Pages 224-269) (20) Track-A-Treat Game (Round 4)	Online Quiz before 6 PM Oct 27, In Class QOTD	30
Nov 3	Chapter 10 - Transportation Managing the Flow of the Supply Chain (Pages 395-458) Online Quiz (10) Outlier Chapter 9 – Marita’s Bargain (Pages 250-269) (20)	Online Quiz before 6 PM Nov 03, In Class QOTD	30
Nov 10	Chapter 11 - Distribution – Management Fulfillment Operations (Pages 459-508) Chapter 12 – Supply Chain Network Analysis and Design (Pages 509-548) Online Quiz (20) Question of the Day (20)	Online Quiz before 6 PM Nov 10, In Class QOTD Terms of Sale	140

	Term of Sale, Inco Risk, ROE (100) Track-A-Treat Game (Round 5)		
Nov 17	Chapter 13 – Sourcing Materials and Services (Pages 549-582) Chapter 14 – Operations Producing Goods and Services(Pages 583-618) Online Quiz (20) Question of the Day (20) Exam #2 Chapters (7-12) (100)	Online Quiz before 6 PM Nov 17, In Class QOTD Exam #2 – In Class	140
Dec 08	Chapter 15 – Supply Chain Sustainability (Pages 619-645) Online Quiz (10) Chapter 16 – Strategic Challenges and Change for Supply Chains (Pages 645-671) Online Quiz (10) Question of the Day (20) Track a Treat Presentations – (15 Min Each Group) (200)	Online Quiz before 6 PM Dec 08, In Class QOTD Group Presentation turn in material	240
Dec 15	Final Exam (225)		225

Final Grade Appeals, Changes, Awarding and Removal of an ‘I’

I strictly follow the guidelines set forth in the current Undergraduate Catalog for grade appeals, changes, and the awarding and removal of an ‘Incomplete.’ Please check the latest Catalog for details and procedures.

Contacting the Instructor

Bryan Wahlberg, Master Supply Chain – Phone: 972-974-6771

Please contact me via email. I am “in the office” every Thursday at 6:00 P.M.

bryanwahlberg@unt.edu

I will respond to your email within 24 hours unless I am traveling and lack regular Internet access. In that case, I will let the class know my “out of office” dates in advance. Ideally, students will also respond to the professor within 24 hours of all communication. Thank you.

Office:

University of North Texas

Attachment 1 Resume Assignment

So, you attend a professional meeting tonight and chat with a vice president with a 3PL. “Looking for an exceptional UNT graduate highly capable to do great things for your company?” you ask. She replies, “Send me your resume by noon tomorrow.”

Now is the time to get your resume in shape. Complete the attached resume cover sheet and post in the Assignments module within Blackboard Learn no later than 5:00 PM on September 15th. To avoid a reduction in participation points name your resume file using your last name and the term and year of your graduation. For example:

Lastname_GraduationTerm_GraduationYear.doc
Example: Doe_Fall_2030.doc¹

Failure to properly name your file will result in a penalty toward participation points. Late submissions will receive a three point reduction in their final grade. The logistics faculty will use this resume to send to companies that contact us throughout the semester so make sure it is your very best, no excuses. You have the right to request your resume **not** be distributed to potential employees.

YOU MUST COMPLETE THE FORM ON THE FOLLOWING PAGE AND TURN-IN A SIGNED COPY as a scanned pdf or Word document (cut and paste out of the syllabus) and post with your resume in Blackboard Learn by September 10th.

¹ Please complete on-time as this is your future.



Logistics and Supply Chain Management Resume Posting Authorization

Name your resume file as follows:

LastName_GraduationSemester_GraduationYear.doc
Example: Doe_Fall_2030.doc

Student name: _____
ID Number: _____
Submit Date: _____

Please check the appropriate responses:

A Logistics intern position for:

- ☐ Spring 2016
- ☐ Summer 2016
- ☐ Fall 2016
- ☐ I am not interested in a Logistics related internship

A part time position in Logistics:

- ☐ Spring 2016
- ☐ Summer 2016
- ☐ Fall 2016
- ☐ I am not interested in part time employment in Logistics

Post-graduation permanent professional employment:

- ☐ Spring 2016
- ☐ Summer 2016
- ☐ Fall 2016
- ☐ I will not be seeking employment in the logistics field

Release my resume:

- ☐ The University of North Texas has permission to distribute my resume to prospective employers.
- ☐ Please do not release my resume. It is submitted for a class requirement only.

Signed: _____

Attachment 2

Professional Development in Logistics

Professionalism (2.0 points per event): The UNT Professional Program in Logistics is very proud of its close relationship with industry and our emphasis on professionalism. This semester the Logistics Executive Lecture Series has planned at least six Friday Noon to 1 PM sessions allowing students to meet and actively interchange with logistics executives and at least four On-boarding sessions. **You must complete your first professionalism activity before Dec 8th.**

Attendance at the same event to fulfill a requirement for another course or program will not be counted. You will not receive credit if you have not RSVP'd. If you RSVP and fail to attend 2 points will be deducted from your final grade. You can make up these points by attending another presentation.

If you cannot attend these events due to work or class schedule conflicts, you may find an alternative such as an evening professional meeting. My goal is that you are able to interact with a corporate executive. Attendance of a career fair or attendance of a student interest group (such as AMA, LOGSA, or SAA) will not count as a substitute unless a c-level executive is speaking and the presentation has been approved in advance. Any alternative must be approved by Prof. Wahlberg at least 24 hours prior to attending the event and you will be asked to provide the c-level executive's business card as proof that you interacted with the executive. The Learn grade book will reflect your participation as soon as the signature sheets are received.

You can obtain information about the speakers and their scheduled dates by accessing the logistics center website at <http://www.cob.unt.edu/logisticscenter/events.php>.

Executive Lecture Series

Webpage: <http://www.cob.unt.edu/logisticscenter/students/lectureseries/speakers.php>

Onboarding Program Sessions

Webpage: <http://www.cob.unt.edu/logisticscenter/students/onboarding/onboarding.php>

Syllabus Agreement

I have read and understand the Syllabus for Fall 2016 LSCM 3960: **Logistics & Supply Chain Management** Class taught by Bryan Wahlberg. I understand the reading expectations and grading requirements.

Student Number: _____ Students Signature: _____
Dated: _____