

# LSCM 4860 Advanced Logistics Management

**College of Business**  
**Department of Marketing and Logistics**

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**KEY INFORMATION**

|                                   |  |
|-----------------------------------|--|
| <b>TERM</b>                       | Fall Semester, 2016<br>Tuesday, 6:30-9:20 p.m.   |
| <b>COURSE TITLE</b>               | LSCM 4860, Advanced Logistics Management   |
| <b>INSTRUCTOR</b>                 | Brian Sauser, PhD<br>Associate Professor of Complex Logistics Systems<br>Building: BLB, Room 150E<br>Phone: 940-565-4693<br>Email: <a href="mailto:Brian.Sauser@unt.edu">Brian.Sauser@unt.edu</a><br>Office Hours : By Appointment   |
| <b>REQUIRED TEXT AND READINGS</b> | Additional readings will be provided by the instructor during the course of the semester.  |
| <b>CATALOG DESCRIPTION</b>        | Application of logistics decision-making tools and skills as they apply to inventory, transportation, and warehouse management. Course stresses hands-on application of analytical tools useful in logistics; analysis of the characteristics of logistics system elements and their interrelationships within a company; developing skills to analyze technical logistics problems; and developing executive-level communications skills leading to the concise statement of problems and proposed solutions. Prerequisite(s): LSCM 3960. Capstone course to be taken during the last term / semester of course work. |

**CORE  
CURRICULUM**

This course is an important component of UNT's Core Curriculum. This course was designed to bridge the STEM (science, technology, engineering, mathematics) and Business core courses (accounting, finance, management, information systems, and marketing) covered in the Logistics Program with key social and behavioral aspects to provide the students with a holistic and comprehensive understanding of how their degree program knowledge has human and societal impacts. As part of this capstone experience, students will focus on the application of empirical and scientific methods that contribute to the understanding of how the "human activity system" (issues of culture and world view and their impact on learning and working in engineering, science and technology) impacts their STEM and Business knowledge. It is built on a fundamental that the successful development of STEM and Business knowledge is directly contingent on the human activity system. Case studies, academic research, and "real world" project work are used to provide a practical and advanced understanding to:

- 1) Build empirical and scientific constructs both at the application level and strategic level for integrating the human activity system as part of STEM and Business knowledge.
- 2) Challenge the student to think of the human activity system as an integral part of STEM and Business knowledge, and how this may impact its strategy, operation, and function in industry and society.

As an integral part of the core curriculum, while engaging in this course you will develop and demonstrate the core objectives of Critical Thinking, Communication Skills, Social Responsibility and Personal Responsibility.

**Critical Thinking Skills** – including creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information. Leveraging STEM and Business core knowledge, students will have to demonstrate an understand of the purpose, process, interaction, integration, and emergence of the human activity system with a collective entity, its members, and how it serves its environment to the larger system in which it is embedded. This will be done through "real-world" problem solving that engages industry in defining the problem and allows students to solve relevant and tangible problems with innovative solutions. These assignments will be executed as student teams and individuals using critical thinking tools to analyze and evaluate domain problems to present systemic solutions.

**Communication Skills** – including effective development, interpretation and expression of ideas through written, oral and visual communication. Assignments and projects will utilize several communication medium (physical and mechanical) to demonstrate an understanding of communication effectiveness. Each application of a communication medium will evaluate the students understanding of: the strategic importance of communication; the communication process; communication within organizations; networked and directional communication flow; interpersonal communication; the roles of formal versus informal communication; communication media; communication technology; and nonverbal communication in the interpersonal communication process.

**Empirical and Quantitative Skills** – including the manipulation and analysis of numerical data or observable facts resulting in informed conclusions. Assignments and projects will challenge students to manipulate raw data into forms that allow for effective data visualization. Human activity systems are more effective when data can be effectively communicated and presented within and to the human activity system. This includes the ability to identify the current state and effectively consider the impact of change. Student are taught to not only resolve problems but offer the human activity system understanding of the ramification of alternatives. Students will learn that the optimal solution may not be the best solutoin to the human activity system.

**Social Responsibility** – including intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities. Assignments and projects will have a requirement to articulate the impact and systemic influence of the the outcome on the human activity system. This will be done in the context of a global economy while includeing the ethical, societal, and cultural impacts. Students will also be required to articultate how problems and solutions have multiple perspectives, that these multiple perspectives present divergent truths, and the challenge to any solution is satisfying these perspectives.

**COURSE  
FORMAT**

The course will be conducted by a combination of lectures; in-class discussion; written and oral discussion of case analyses; article discussions and examination. Students will be called upon to discuss assigned topics, readings, cases and concepts.

I have a philosophy that learning comes in many forms, so you will be subjected to multiple sources and forms of learning. Here are my views...

**BOOKS/READINGS**

Readings will be provide by the instructor.

Past experience strongly suggests you will learn much more (and thus perform better) in the class if you have completed the reading assignment before coming to class.

**LECTURE NOTES**

These are the PowerPoint slides located on the class web site. They will be provided no more than one hour before class, so be prepared to take notes. In any event, I may or may not use them (in whole or part) during a lecture. They are for you to review and absorb. I view them as another reading for you. You will also be responsible for their understanding as it relates to the course content and the lecture topics. I will cover material in addition to the text and PowerPoint slides during class, so I strongly recommended that you take thorough notes.

**DISCUSSIONS**

You are encouraged to actively participate in the lectures. For example, if you are not clear about a concept being discussed in the class, please ask questions. I consider asking questions a very important form of class participation. Also, if you have an interesting experience or insight that either supports or contradicts the concept being discussed, please share it with the class. I believe in a "wisdom of the crowds" approach to in-class learning, where the instructor and the student become one in the same.

**CASE STUDIES AND MULTI-MEDIA**

We will use case studies and multi-media to pontificate about innovative thinking on topics related to this class. These discussions will give us, as a class, a chance to exhibit our thinking individually and collectively.

**ASSIGNMENT  
FORMATS  
AND DUE  
DATES**

You are expected to approach each assignment with the professionalism required in the "business" world by fulfilling your responsibilities and completing work on time. Work products should have a neat, professional appearance. The appearance of the submission will affect the grading – up to a 20% deduction for submissions deemed to be unprofessional in appearance.

Each assignment is due by the time specified in Blackboard. Any assignment may be submitted any time prior to the due date/time. **When submitting files electronically, start the file with your last name, e.g.**

Sauser\_CaseStudy.pdf

A 50% penalty will be assessed for submissions within 24 hours after the assignment is due (one day late). A 100% penalty will be assessed for submissions more than 24 hours after the assignment is due. Correct spelling, grammar, and punctuation are expected and will be considered in the grading of all assignments. The overall appearance and professionalism of the submission will also be considered in the grade.

**CLASS  
ATTENDANCE**

I hold you responsible for all material covered during class, including changes to the syllabus, course schedule, and course materials. I will not supplement missed lecture material. If you must miss a class, you need to make the necessary arrangements to obtain any missed material or lecture notes from other students in the class. Class attendance is strongly encourage because I will call on students to answer questions, discuss case assignments, and to comment on key concepts. Missing these opportunities may result in a reduction in your final grade (see class participation under Grading). Class participation and attendance cannot be made up without prior approval from the instructor.

## GRADING

### CASE ASSIGNMENTS

Cases will focus on building and analyzing logistics and supply chain problems. These case assignments will require the use of word processing, spreadsheet, other optimization software tools, and online media. Students will work individually in solving these cases.

If you must miss a case study due to work or other unavoidable circumstances, you must contact me in advance. If the circumstances merit, I will schedule a make-up or provide an alternative to completing the case study. These situations will occur on an exception basis and must be justified on valid circumstances. In order to be considered for the make-up, you must notify me (via e-mail) before the day of the in-class exam or case study. Failure to provide notification will result in a failing grade for the case study.

### CLASS PARTICIPATION

You are strongly encouraged to attend every class. I understand that circumstances beyond your control can impact perfect attendance, but every attempt should be made to come to class and be an engaged participant. Class participation will affect the case grades and your final grade. Points will be based on preparation for class, quality of class input, organization, and conciseness. Students are expected to fully prepare for the in-class case discussions. Case discussion requires significant effort and should not be taken lightly. I will call on students by name to provide an overview of the case, define the problem, identify key issues and themes, suggest alternatives, discuss the analysis, critique inputs, provide recommendations, and summarize the in-class discussion.

### RESUME ASSIGNMENT

Complete the resume cover sheet posted on Blackboard and post in the Assignments module within Blackboard Learn within two weeks of the start of the semester. 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 LAST PAGE OF THE SYLLABUS AND TURN-IN A SIGNED COPY as a scanned pdf with your resume.

### PROFESSIONAL DEVELOPMENT

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 October 1st.**

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 Dr. Sauser 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>.

**Onboarding Program Sessions**

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

**College of Business Development Opportunities**

The College of Business has executive lectures and professional development workshops. If you attend any of these events and can show evidence of your attendance, credit can be granted for Professional Development.

**NT LOGISTICS CASE COMPETITION/PROJECT**

Project teams (3-5 students) will work on a topic defined by NT Logistics executives to address a “real” industry problem. While engaging the problem through the lens of the human activity system, students will be required to:

- Apply analytical tools useful in logistics
- Analyze the characteristics of a logistics system and its interrelationships within a company and its human activity system
- Demonstrate skills to analyze technical logistics problems
- Demonstrate executive-level communications skills leading to the concise statement of problems and proposed solutions

**EXTRA CREDIT**

There will be no extra credit in this class. Students will not be allowed to resubmit cases or assignments.

**GRADING APPEALS, WITHDRAWALS AND INCOMPLETES**

If you disagree with how any assignment or examination was graded, **you must submit a written appeal by email or letter before the start of the next class period.** The email or letter must clearly state the rationale for the appeal and provide evidence to support your position. For example, you may cite text references, PowerPoint slides, or outside readings to support your position—**these must be clearly referenced by title and page number.** The rationale should be objective in nature and should not include subjective opinions. **Appeals that do not provide supporting rationale and specific reference(s) to course materials will be returned without consideration.**

Please refer to the UNT Graduate Catalog for policies governing Withdrawals and Incompletes. If you have any questions, please contact me for clarification. Please note: I only use an incomplete for extraordinary circumstances. An incomplete grade will not be used simply to provide more time to complete the course requirements.

**FINAL GRADING**

I will not post final grades beyond what is available on Blackboard. I cannot respond to grade requests except if you appear in-person at my office.

**GRADING SCALE**

The grading scale is guaranteed. You will receive no less than the grade listed within the appropriate interval. I reserve the right to adjust the grading scale in favor of the class if warranted. The points assigned to each grade comply with the points identified in the UNT Catalog.

| Grade | Numeric Range | Grade Point |
|-------|---------------|-------------|
| A     | 90-100        | 4.0         |
| B     | 80-89         | 3.0         |
| C     | 70-79         | 2.0         |
| D     | 60-69         | 1.0         |
| F     | ≤59           | 0.0         |

| Graded Element                 | Pts | Rubric |    |     |    |    |    |
|--------------------------------|-----|--------|----|-----|----|----|----|
|                                |     | CT     | CS | EQS | SR | TW | NA |
| Case Study #1: Globalization   | 10  | X      |    |     |    |    |    |
| Case Study #2: Project Charter | 10  |        | X  |     |    |    |    |
| Case Study #3: Target          | 20  |        |    | X   |    |    |    |
| Case Study #4: TBD             | 10  |        |    |     | X  |    |    |
| Term Project                   |     | X      | X  | X   | X  | X  |    |
| Milestone Review               | 10  |        |    |     |    |    |    |
| Presentation                   | 10  |        |    |     |    |    |    |
| Report                         | 20  |        |    |     |    |    |    |
| Resume Assignment/Biosketch    | 2.5 |        |    |     |    |    | X  |
| The Beer Game                  | 2.5 |        |    |     |    |    | X  |
| Professional Development-1     | 2.5 |        |    |     |    |    | X  |
| Professional Development-2     | 2.5 |        |    |     |    |    | X  |
| Total                          | 100 |        |    |     |    |    |    |

CT: Critical Thinking  
 CS: Communication Skills  
 EQS: Empirical and Quantitative Skills  
 SR: Social Responsibility  
 TW: Teamwork  
 N/A: Not Applicable

**GRADING**

Case Study #1, 3, and 4 are individual assignments. While each of these assignments will be graded within a timely manor, grades will not be released until one week before the final class. It is my belief that every assignment should be completed with a level of effort that you consider to be your BEST. As a Senior, you should fully understand what is your BEST. You should not complete an assignment based on what you think I want, you should deliver a product that represents your BEST effort and fulfills the requirements as specified. So, as long as you do your BEST, the grade does not matter and you will get the grade you deserve.

Case Study #2 is a group assignment. Your group's effort on this assignment is largely a reflection of the potential of your group. What you put into it will guide your success on the NT Logistics Case Project.

Resume/Biosketch, Professional Development, and The Beer Game are for the most part participation grades. Not completing these is just academic laziness.

**COURSE SCHEDULE**

Below is a proposed schedule, but this schedule will adjust to accommodate class progress, more in-depth discussion where warranted, or to take advantage of guest speakers or tours if the opportunity should arise. Ultimately, we need to optimize your learning experience via a dynamic and agile learning experience.

| Week of | Lecture Topic                                       | Homework               | Homework Due  |
|---------|---|------------------------|---------------|
| Aug 30  | Course Introduction/Logistics Trivia                |                        |               |
| Sep 6   | Globalization and the Extended Enterprise (#1)      | Case Study #1          |               |
| Sep 13  | Introduction to Project and Executive Presentations | Team Formation (draft) | Case Study #1 |
| Sep 20  | Project/Risk Management and Planning (#2)           | Case Study #2          |               |
| Sep 27  | <b>NT Logistic Case Competition Introduction</b>    |                        |               |
| Oct 4   | Job/Interview Skills                                |                        | Case Study #2 |
| Oct 11  | Designing the Supply Chain Network (#3)             | Case Study #3          |               |
| Oct 18  | <b>Target DC Tour</b>                               |                        |               |
| Oct 25  | Decisoin Making                                     | Case Study #4          | Case Study #3 |
| Nov 1   | <b>Project Milestone Review</b>                     | <b>Milestone Prep</b>  |               |
| Nov 8   | The Beer Game/Systems Thinking                      |                        | Case Study #4 |
| Nov 15  | Leadership, Power, Conflict and Politics (#4)       |                        |               |
| Nov 22  | No Class/HAPPY THANKSGIVING                         |                        |               |
| Nov 29  | No Class/ <b>Project Reports are DUE</b>            |                        |               |
| Dec 6   | <b>Project Presentations</b>                        |                        |               |



**COURSE MATERIALS**

- **Readings:** To be assigned and provided by the instructor.
- **Cases/Multi-Media:** Several cases from the course text and other multi-media will be assigned during class.
- **Blackboard.** Course materials, assignments, and outside readings will be available within Blackboard. Students can access Blackboard using the Internet at the website webctvista.unt.edu. The site is password protected. You can learn more about Blackboard by reviewing the on-line student manuals.
- **Internet Software:** You will need Internet access and a web browser such as Firefox, Internet Explorer, or Safari. Course materials and assignments will be distributed via the Internet using WebCT Vista. You will be responsible for accessing Blackboard to obtain all course materials. Adobe Acrobat Reader will be required to read some of these materials. Acrobat Reader is available free from the Adobe web site: [www.adobe.com](http://www.adobe.com).
- **Class PowerPoint Presentations:** Copies of the PowerPoint slides used during the in-class lectures can be downloaded from Blackboard
- **Homework Assignments:** I will periodically assign practice homework problems. Answers to the problems will be provided in graded materials. These assignments are quantitative in nature, and you can expect similar problems to appear on the mini-examinations.

**ACADEMIC INTEGRITY**

Cheating, plagiarism, or other inappropriate assistance on examinations, abstracts, or cases will be treated with **zero tolerance** and will result in a grade of “F” for the course. Any work should be solely your effort with ABSOLUTELY NO outside help or assistance. Students must be familiar with and adhere to the University’s Academic Integrity policies. A dedicated website for this information can be found at: <http://vpaa.unt.edu/academic-integrity.htm>

To steal and pass off (the ideas or words of another) as one’s own is plagiarism. If you quote or reference other’s material, you must cite your sources. Cutting and pasting from other sources, even if properly footnoted does not meet the criterion of submitting your own work and will result in a failing grade for the course. The examination instructions are very clear regarding what materials may be used on the exam. If you “preprogram” your calculator, use any materials other than those permitted on the exam, talk with other individuals during the exam, exchange information about an exam with an individual that has not taken the exam, or copy or use material from another individual’s exam, you will receive a failing grade for the course. According to University policy, if you become aware of any misconduct related to academic integrity, you should inform me or another proper authority such as the Department Chair or Associate Dean.

**CELL PHONES AND OTHER ELECTRONIC DEVICES**

All cellular or digital phones, pagers, and laptops are to be turned off during class. **Failure to comply with this request will result in a letter grade deduction to the final grade if repeated.** Laptop usage to investigate additional information during class will be encouraged at the discretion of the instructor.

**AMERICANS WITH DISABILITIES ACT**

The College of Business Administration complies with the Americans With Disabilities Act in making reasonable accommodations for qualified students with a disability. If you have an established disability as defined in the Act and would like to request accommodation, please see me as soon as possible. I can be contacted at the location and phone number shown in this syllabus. Please note: University policy requires that students notify their instructor within the first week of class when an accommodation will be needed. Please do not hesitate to contact me now or in the future if you have any questions or if I can be of assistance.

***The schedule, policies, and assignments contained in this course syllabus are subject to change in the event of extenuating circumstances, class progress, or by mutual agreement between the instructor and the students. All changes will be announced in class prior to the change with a posted change to the syllabus placed on Blackboard***

**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 2017
- Summer 2017
- Fall 2016
- I am not interested in a Logistics related internship

A part time position in Logistics:

- Spring 2017
- Summer 2017
- Fall 2016
- I am not interested in part time employment in Logistics

Post graduation permanent professional employment:

- Spring 2017
- Summer 2017
- 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: \_\_\_\_\_