



Soules College of Business
Department of Technology
TECH 5306 Logistics Management
Course Syllabus

Instructor: Dominick E. Fazarro, Ph.D.

Section: 006

Fall 2023

Class Time: ONLINE

Email: dfazarro@uttyler.edu

Other Availability: Phone: ZOOM

Course Content:

This course is designed to provide students a practical perspective of logistics in the areas of: distribution, planning, procurement, inventory decisions, warehousing, storage, freight transportation, and operational management as it relates to supply chain management. In addition, this course will provide national and international elements of how logistic operations are managed. Graduate students will work in teams to analyze customer, supplier and inventory data to recommend its warehouse layout, transportation system and carriers. This course is designed for industry professionals.

Required Textbook:

Paul A. Myerson (2015). Supply Chain and Logistics Management Made Easy. Pearson Education, Inc.: New Jersey. ISBN: 13:978-0133993349

Course Learning Objectives:

These are the objectives for this course:

- ❖ To build a working understanding of **logistics principles** and to expose students to the language of logistics
- ❖ To understand **current challenges** faced by supply chain professionals and to provide a basis for thinking through these challenges
- ❖ To understand the undertaken of **planning framework for the management of material, service, information and capital flows**. It includes the increasingly complex information, communication and control systems required in today's business environment.

Student Learning Outcomes

At the end of the course, students learning outcomes should be achieved in the Industrial Technology program along with assessments used:

Student Learning Outcomes
Students will be able to appreciate the relationship of supply chain management to logistics. <i>(by case studies & assignments)</i>
Students will be able to understand the concepts of demand planning. <i>(by assignments)</i>
Students will be able to apply the different types of inventory planning and control of goods. <i>(by case studies, assignments, & final project)</i>
Students will be able to appreciate the procurement process of acquiring goods. <i>(by case studies, final project & assignments)</i>
Students will be able to appreciate the different transportation systems used to deliver goods globally. <i>(by assignments)</i>
Students will be able to appreciate and apply the aspects warehouse management and layout of plan <i>(by case studies, & final project)</i>
Students will be able to apply different levels of customer service as it relates to relationship management. <i>(by assignment & final project)</i>

Core/Program Competencies

Program Outcomes	TECH 5306
1. Identify the proper materials and manufacturing processes used to fabricate a specific part	
2. Understand and use technical software, data sources, and automation such as CAD, CAM, CNC, PLC's, and robotics	
3. Demonstrate a thorough knowledge of current management and supervisory practices	
4. Prepare well-organized and mechanically correct documents in order to plan production	
5. Apply and follow recommended safety standards	
6. Understand facility layout and the management of supply chains	X

Learning-Management

Students will be able to view announcements, course progress, and retrieve some assignments using Canvas™. This technology enables students to be proactive in their learning and effective communication between the student and instructor.

Tentative Course Requirements:

Weighted grade distributions#

- Internet (Research) Assignments (20pts) (15%)
- Discussion Board Assignments (30pts) (20%)
- Midterm (Case Study) (100 pts) (20%)
- Final project (100pts) (45%)

Schedule of Assignments for Course

Date of Assn Appears	No.	Topic/Activity	Reading (Pgs.)/DUE DATE
Aug 26	1	Introductions on Discussion Board	--
Aug 26	1	Read Chapter 1 (no assignment) MODULE 1--1	--
Aug 26	1	Chapter 2 –Understanding the Supply Chain	13-27
Aug 26	1	Assignment	Sept 1
Aug 26	1	Chapter 3-Demand Planning	33-48
Aug 26	1	Assignment	Sept 3
Sept 3	2	Chapter 4-Inventory Planning and Control MODULE 2--2	51-67
Sept 3	2	Assignment	Sept 8
Sept 3	2	Chapter 5-Aggregate Planning and Scheduling	69-86
Sept 3	2	Assignment located on Discussion Board	Sept 8
Link Open	-	Explanation of Final Project (posted on Canvas--will discuss in zoom session--TBA) MODULE 7--7	Link Open
Sept 8	3	Chapter 6-Procurement in the Supply Chain MODULE 3--3	89-101
Sept 8	3	Assignment	Sept 15
Sept 8	3	Chapter 7-Transportation Systems	103-122
Sept 8	3	Assignment located on Discussion Board	Sept 15
Sept 8	3	MID TERM (Case Study)	Sept 20
Sept 20	4	Chapter 8-Warehouse Management and Operations MODULE 4--4	125-145
Sept 20	4	Assignment	Sept 29
Sept 29	-	Chapter 9-Order Mgt. and Customer Relationship Mgt.	147-155
Sept 29	-	No Assignment	Read Chapter
Sept 30	5	Chapter 10-Reverse Logistics and Sustainability MODULE 5--5	157-171
Sept 30	5	Assignment located on Discussion Board	Oct 29
Sept 30	5	Chapter 11-Global Supply Chain Operations & Risk Mgt.	173-184
Sept 30	5	Assignment	Oct 6
Oct 7	6	Chapter 12-Supply Chain Partners MODULE 6--6	189-196
Oct 7	6	Assignment located on Discussion Board	Oct 12
Oct 7	6	Chapter 14-Supply Chain Technology	211-219
Oct 7	6	Assignment	Oct 12
Oct 10	-	Chapter 15-Facility Location Decision	225-246
Oct 10	-	No Assignment	Read Chapter

Oct 1	7	FINAL PROJECT LINK WILL OPEN TO UPLOAD PROJECTS MODULE 7--7	Oct 1
Oct 10	7	FINAL PROJECTS ARE DUE!!!	Oct 10

Grade Scale Breakdown:

A=90 - 100%

B=80 - 89%

C=70 - 79%

D=60 - 69%

F=BELOW 60%

Note: 89.99999999999999 is still a B.

Course Format

The course involves PowerPoint slides, discussions with critical feedback, current readings, YouTube videos, and CANVAS Discussions.

Using Canvas for Turning in Assignments

CANVAS will be the tool for communication and turning in assignments. **ALL ASSIGNMENTS WILL OPEN UP AT 7AM AND TURNED IN PROMPTLY AT 11PM.**

Folders will be created for each assignment to attach your assignments. Each assignment will have a due date. **IF YOU DO NOT MEET THE DUE DATE FOR THE ASSIGNMENT, THE FOLDER WILL DEACTIVATE. THEREFORE, YOU WILL NOT BE ABLE TO TURN YOU ASSIGNMENT TO RECEIVE CREDIT.** The only exception to turn in an assignment after the due date is if you are ill (with a written excuse) or technical difficulties. **IT IS YOUR REPSONSIBILITY TO COMMUNICATE WITH TECHNICAL SERVICES TO RESOLVE YOU CANVAS MALFUNCTIONS.**

Canvas Assignment Discussions

The online course format requires communication between students to stimulate conversation and feedback on the topics. Student responses on the discussion board should have quality content to demonstrate critical-thinking and creativity. In order to receive credit/points for every discussion posted, **you MUST respond to at least two students, if not, YOU WILL RECEIVE ONLY 15 POINTS!!! One to two sentences do not constitute a quality response; therefore, full credit will not be given.**

Zoom Sessions

Zoom sessions are not mandatory but the help students if some of the material is difficult to understand and to track progress of students for this course. Zoom sessions will be held every other Wednesday. An announcement will be posted before every session that is held. The sessions will last 30 to 45 minutes and begin at 8pm.

Late Assignment Penalty (PLEASE READ CAREFULLY!!!)

You have at least 3-5 days to complete your assignments. I do understand that you have assignments in other courses, but the management is important. **If assignments are uploaded late, there will be no points!!!** If you do experience computer problems, please contact Computer Support and email me documentation of time and date of the

call. That will help me to also contact Computer Support to expedite your request to fix any problems you may have.

Grade Dispute

If you have a disagreement with your final grade, you have **1 week to resolve it**. You must email all your assignments when meeting with the instructor by video or by phone.

Date to Withdraw Without Penalty:

September 26, 2024

Dates of Final Exam:

September 12, 2024

University Policies and Information

Withdrawing from Class

Students may withdraw (drop) from this course using the [Withdrawal Portal](#). Withdrawing (dropping) this course can impact your Financial Aid, Scholarships, Veteran Benefits, Exemptions, Waivers, International Student Status, housing, and degree progress. Please speak with your instructors, consider your options, speak with your advisor, and visit the One-Stop Service Center (STE 230) or email enroll@uttyler.edu to get a complete review of your student account and the possible impacts to withdrawing. We want you to make an informed decision. UT Tyler faculty and staff are here for you and often can provide additional support options or assistance. Make sure to carefully [read the implications for withdrawing from a course and the instructions](#) on using the [Withdrawal portal](#)..

Texas law prohibits students from dropping more than six courses during their entire undergraduate career*. The six courses dropped includes those from other 2-year or 4-year Texas public colleges and universities. Consider the impact withdrawing from this class has on your academic progress and other areas, such as financial implications. We encourage you to consult your advisor(s) and Enrollment Services for additional guidance.

CAUTION #1: Withdrawing before census day does not mean you get a full refund.

Please see the [Tuition and Fee Refund Schedule](#). **CAUTION #2:** All international students must check with the [Office of International Programs](#) before withdrawing. All international students are required to enroll full-time for fall and spring terms. **CAUTION #3:** All UT Tyler Athletes must check with the Athletic Academic Coordinator before withdrawing from a course. **CAUTION #4:** All veterans or military-affiliated students should consult with the [Military and Veterans Success Center](#).

* Students who began college for the first time before 2007 are exempt from this law.

Artificial Intelligence Statement

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code.

Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy. Refer to the About This Course section of the UT Tyler Syllabus Module for specific information on appropriate use of AI in your course(s).

Final Exam Policy

Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the Dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule. Faculty members must maintain student final examination papers for a minimum of three months following the examination date.

Incomplete Grade Policy

If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in place of a grade *only when **all** of the following conditions are met:* (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all coursework or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor, and (c) the student presents these reasons before the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to meet all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has yet to be assigned within one year, then the Incomplete will be changed to an F, or NC. If the course was initially taken under the CR/NC grading basis, this may adversely affect the student's academic standing.

Grade Appeal Policy

Disputes regarding grades must be initiated within sixty (60) days from the date of receiving the final course grade by filing a Grade Appeal Form with the instructor who assigned the grade. A grade appeal should be used when the student thinks the final course grade awarded does not reflect the grades earned on assessments or follow the grading scale as documented in the syllabus. The student should provide the rationale for

the grade appeal and attach supporting document about the grades earned. The form should be sent via email to the faculty member who assigned the grade. The faculty member reviews the rationale and supporting documentation and completes the instruction section of the form. The instructor should return the form to the student, even if a grade change is made at this level. If the student is not satisfied with the decision, the student may appeal in writing to the Chairperson of the department from which the grade was issued. In situations where there is an allegation of capricious grading, discrimination, or unlawful actions, appeals may go beyond the Chairperson to the Dean or the Dean's designee of the college from which the grade was issued, with that decision being final. The Grade Appeal form is found in the [Registrar's Form Library](#).

NOTE: The Grade Appeal Form is different from the Application for Appeal form submitted to the Student Appeals Committee, which does not rule on grade disputes as described in this policy.

Disability/Accessibility Services

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA), the University of Texas at Tyler offers accommodations to students with learning, physical, and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler/> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with the Assistant Director Student Accessibility and Resources/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <https://www.utt Tyler.edu/disability-services>, the SAR office located in the Robert Muntz Library, LIB 460, email saroffice@utt Tyler.edu, or call 903.566.7079."

Military Affiliated Students

UT Tyler honors the service and sacrifices of our military-affiliated students. If you are a student who is a veteran, on active duty, in the reserves or National Guard, or a military spouse or dependent, please stay in contact with your faculty member if any aspect of your present or prior service or family situation makes it difficult for you to fulfill the requirements of a course or creates disruption in your academic progress. It is important to make your faculty member aware of any complications as far in advance as possible. Your faculty member is willing to work with you and, if needed, put you in contact with university staff who are trained to assist you. The [Military and Veterans Success Center \(MVSC\)](#) has campus resources for military-affiliated students. The MVSC can be reached at MVSC@utt Tyler.edu or via phone at 903.565.5972.

Students on an F-1 Visa

To remain in compliance with Federal Regulations requirements you must do the following:

- Traditional face-to-face classes: Attend classes on the regular meeting days/times.
- Hybrid Classes: Attend all face-to-face classes convened by the instructor according to the schedule set for your specific course.
- Online course: Only one online course can count toward your full-time enrollment. Students are expected to be fully engaged and meet all requirements for the online course.

Academic Honesty and Academic Misconduct

The UT Tyler community comes together to pledge that "Honor and integrity will not allow me to lie, cheat, or steal, nor to accept the actions of those who do." Therefore, we enforce the [Student Conduct and Discipline policy](#) in the Student Manual Of Operating Procedures (Section 8).

FERPA

UT Tyler follows the Family Educational Rights and Privacy Act (FERPA) as noted in [University Policy 5.2.3](#). The course instructor will follow all requirements to protect your confidential information.

Absence for Official University Events or Activities

This course follows the practices related to [Excused Absences for University Events or Activities](#) as noted in the Catalog.

Absence for Religious Holidays

This course follows the practices related to [Excused Absences for Religious Holy Days as noted in the Catalog](#).

Absence for Pregnant Students

This course follows the requirements of Texas Laws SB 412, SB 459, SB 597/HB 1361 to meet the needs of pregnant and parenting students. Part of the supports afforded pregnant students includes excused absences. Faculty who are informed by a student of needing this support should make a referral to the Parenting Student Liaison. NOTE: Students must work with the Parenting Student Liaison in order to receive these supports. Students should reach out to the Parenting Student Liaison at parents@uttyler.edu and also complete the [Pregnant and Parenting Self-Reporting Form](#).

Campus Carry

We respect the right and privacy of students who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>.