



UT Tyler

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

Instructor: Dominick E. Fazarro, Ph.D.

Section: 001

Fall 2022

Class Time: ONLINE

Email: dfazarro@uttyler.edu

Other Availability: Phone: N/A

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. *(by case studies & assignments)*

Students will be able to understand the concepts of demand planning. *(by assignments)*

Students will be able to apply the different types of inventory planning and control of goods. *(by case studies, assignments, & final project)*

Students will be able to appreciate the procurement process of acquiring goods. *(by case studies, final project & assignments)*

Students will be able to appreciate the different transportation systems used to deliver goods globally. *(by assignments)*

Students will be able to appreciate and apply the aspects warehouse management and layout of plan *(by case studies, & final project)*

Students will be able to apply different levels of customer service as it relates to relationship management. *(by assignment & final project)*

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 enable 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 22	1	Introductions on Discussion Board	--
Aug 22	1	Read Chapter 1 (no assignment)	--
Aug 28	2	Chapter 2 –Understanding the Supply Chain	13-27
Aug 28	2	Assignment	Sept 4
Sept 5	3	Chapter 3-Demand Planning	33-48
Sept 5	3	Assignment	Sept 11
Sept 12	4	Chapter 4-Inventory Planning and Control	51-67
Sept 12	4	Assignment	Sept 18
Sept 19	5	Chapter 5-Aggregate Planning and Scheduling	69-86
Sept 19	5	Assignment located on Discussion Board	Sept 25
Link Open	6	Explanation of Final Project (posted on Canvas-will discuss in zoom session on Sept 13th)	Link Open
Sept 26	7	Chapter 6-Procurement in the Supply Chain	89-101
Sept 26	7	Assignment	Oct 2
Oct 3	8	Chapter 7-Transportation Systems	103-122
Oct 3	8	Assignment located on Discussion Board	Oct 9
Oct 10	9	MID TERM (Case Study)	Oct 20
Oct 17	10	Chapter 8-Warehouse Management and Operations	125-145
Oct 17	10	Assignment	Oct 27
Oct 24	11	Chapter 9-Order Mgt. and Customer Relationship Mgt.	147-155
Oct 24	11	No Assignment	Read Chapter
Oct 25	12	Chapter 10-Reverse Logistics and Sustainability	157-171
Oct 25	12	Assignment located on Discussion Board	Nov 6
Nov 7	13	Chapter 11-Global Supply Chain Operations & Risk Mgt.	173-184
Nov 7	13	Assignment	Nov 13
Nov 14	14	Chapter 12-Supply Chain Partners	189-196
Nov 14	14	Assignment located on Discussion Board	Nov 20
Nov 20	15	Chapter 13-Supply Chain Integration Through Collaborative Systems	Read Chapter
Nov 27	15	Chapter 14-Supply Chain Technology	211-219
Nov 27	15	Assignment	Dec 4
Dec 5	16	Chapter 15-Facility Location Decision	225-246
Dec 5	16	No Assignment	Read Chapter
Nov 28		<i>FINAL PROJECT LINK WILL OPEN TO UPLOAD PROJECTS</i>	Nov 28

Dec 7

FINAL PROJECTS ARE DUE!!!

Dec 7

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 RESPONSIBILITY 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. **There will be a mandatory session on Monday, January 11th at 7pm.**

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:

November 4, 2022

Dates of Final Exam:

Dec 6-10, 2022

Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link:

<http://www.uttyler.edu/wellness/rightsresponsibilities.php>

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do

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UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Fall, the Census Date is Sept 4th) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date (Sept 4th) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

State-Mandated Course Drop Policy

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

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 offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including non-visible a disability diagnosis such as a chronic disease, learning disorder, head injury or ADHD, or you have a history of modifications or accommodations in a previous educational environment you are encouraged to contact the Student Accessibility and Resources office and schedule an interview with an Accessibility Case Manager. If you are unsure if the above criteria applies to you, but have questions or concerns please contact the SAR office. For more information or to set up an appointment please visit the SAR webpage (<http://www.uttyler.edu/disabilityservices/>) or the SAR office located in the University Center, Room 3150 or call 903.566.7079. You may also send an email to saroffice@uttyler.edu.

COVID Guidance

- ***Information for Classrooms and Laboratories:*** It is important to take the necessary precautions to ensure a healthy and successful year. UT Tyler continues to urge you to protect yourselves against the flu, COVID and any new threats that may be developing. Be diligent about preventive measures such as washing hands, covering sneezes/coughs, social distancing, and vaccinations, which have proven to be successful in slowing the spread of viruses. Encourage those who don't feel well to stay home, and if they show symptoms, ask them to get tested for the flu or COVID. Self-isolation is important to reduce exposure ([CDC quarantine/isolation guidelines \(Links to an external site.\)](#)). Please work with your faculty members to

maintain coursework and please consult [existing campus resources \(Links to an external site.\)](#) for support.

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester. Revised 09/16

Student Absence for University-Sponsored Events and Activities

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Student Standards of Academic Conduct

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. "Cheating" includes, but is not limited to:

- copying from another student's test paper;
- using, during a test, materials not authorized by the person giving the test;
- failure to comply with instructions given by the person administering the test;
- possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
- using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
- collaborating with or seeking aid from another student during a test or other assignment without authority;

- discussing the contents of an examination with another student who will take the examination;
- divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
- falsifying research data, laboratory reports, and/or other academic work offered for credit;
- taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.

ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.

iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

iv. All written work that is submitted will be subject to review by SafeAssign™, available on CANVAS.

UT Tyler Resources for Students

- UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu
- UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu