



Soules College of Business
Department of Technology
TECH 3355 Supply Chain Management
Course Syllabus

Instructor: Dominick E. Fazarro, Ph.D.
Section: 060
Fall 2023
Class Time: ONLINE
Email: dfazarro@uttyler.edu
Online Office Hours: M:2-4pm;T:2-4pm,F:2-4pm
Other Availability: Phone: N/A

Course Description

Supply chain management (SCM) involves the coordination of suppliers, distributors, manufacturers and retailers to ensure products and services are delivered to customers at a timely and cost-effective manner.

Textbook (Required):

Michael H. Hugos (2018). Essentials of Supply Chain Management (4TH Ed.). John Wiley & Sons: Hoboken, New Jersey. ISBN 978-111-9461104

Course Objectives

At the end of this course, participants will be able to:

- Identify the planning and sourcing methods by passing exams with a 70% or better
- Identify the aspects of supply chain coordination by passing exams with a 70% or better
- Identify the complexities involving movement of goods and how it impacts businesses by passing exams with a 70% or better.
- Demonstrate the core processes of SCM practices by passing exams with a 70% or better.
- Explain the different supply chain strategies by passing exams with a 70% or better.
- Demonstrate and develop a SCM plan for a mock company with a 70% or better.

Core/Program Competencies

Program Outcomes	TECH 3355
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	X
4. Prepare well-organized and mechanically correct documents in order to plan production	X
5. Apply and follow recommended safety standards	
6. Understand facility layout and the management of supply chains	

Schedule of Assignments for Course

Date of release of assignment	No.	Chapter/Assignment	Reading (pgs.) Due Date at 11pm
Aug 21	1	WELCOME (Introductions on Canvas-Discussion Board)	-
Aug 21	2	Chapter 1-Key Concepts of Supply Chain Management	1-38
Aug 21	2	Assignment	Aug 28
Aug 27	-	ZOOM SESSION at 7pm	-
Aug 28	3	Chapter 2-Supply Chain Operations: Planning and Sourcing	39-74
Aug 28	3	Assignment	Sept 4
Sept 4	4	Chapter 3-Supply Chain Operations: Making and Delivering	75-108
Sept 4	4	Discussion	Sept 11
Sept 12	-	EXAM 1	Sept 14
Sept 18	5	Chapter 4-Using Information Technology	109-145
Sept 18	5	Discussion	Sept 25
Sept 24	6	EXPLANATION OF FINAL PROJECT CRITERIA (Zoom) TBA	Sept 24
Sept 25	7	Chapter 5-Metrics for Measuring Supply Chain Performance	147-182
Sept 25	7	Assignment	Oct 2
Oct 2	9	Chapter 6-Supply Chain Coordination	183-212
Oct 2	9	Assignment	Oct 9
Oct 9	8	PROGRESS REPORT ON FINAL PROJECT (10 points)	Oct 9
Oct 10	-	EXAM 2	Oct 12
Oct 16	10	Chapter 7-Supply Chain Innovation for the Real-Time Economy	213-240
Oct 16	10	Discussion	Oct 23
Oct 23	11	Chapter 8-Defining Supply Chain Opportunities	241-272
Oct 23	11	Discussion	Oct 30
Oct 30	12	Chapter 9-Creating Supply Chains for Competitive Advantage	273-306
Oct 30	12	Discussion	Nov 6
Nov 6	13	Chapter 10-The Promise of the Real-time Supply Chain	307-322
Nov 6	13	Assignment	Nov 13
NOV 20-24	-	THANKSGIVING HOLIDAY	NOV 20-24

Nov 27	14	EXAM 3	Nov 29
Nov 29	-	FINAL PRESENTATION LINK WILL OPEN	Nov 29
Dec 6	-	FINAL PRESENTATION UPLOAD DEADLINE	Dec 6

Tentative Course Requirements:

Assignments

- Discussion Board(30pts) (25%)
- Assignments (20pts) (15%)
- Exams (100pts) (25%)
- Final Project (120pts) (35%)

Grade Scale Breakdown:

A=90 - 100%

B=80 - 89%

C=70 - 79%

D=60 - 69%

F=BELOW 60%

Note: 89.9999999999999999 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.*

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 receive 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.

Dates of Final Exam:

December 6-10, 2022

Date to Withdraw Without Penalty:

November 4, 2022

Course Supplies

Flash drive (16G to 1TB) to save assignments

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.

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.

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.

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