



*Soules College of Business  
School of Technology  
Department of Technology*

## **Tech 3355 – Supply Chain Management**

### **Course Syllabus**

Course: TECH 3355  
Title: Supply Chain Management  
Section: 060  
Semester: SPRING 2020  
Class Time: ONLINE

Instructor: Dominick E. Fazarro, Ph.D.  
Office: 225.02  
Other Availability: by email or appointment  
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Online Office Hours: W: 12-3pm, TH: 12-3pm (By Email)  
Preferred Contact: N/A

#### **Course Content:**

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.

#### **Course Learning Objectives:**

*Students completing this course should be able to:*

- Understand the complexities involving movement of goods and how it impacts businesses by passing exams with a 70% or better.
- Understand the core processes of SCM practices by passing exams with a 70% or better.
- Understand different supply chain strategies by passing exams with a 70% or better.
- Demonstrate course outcomes by developing a SCM plan for a mock company with a 70% or better.

#### **Required Textbook**

Sunil Chopra (2019). Supply Chain Management: Strategy, Planning, & Operation (7<sup>th</sup> Ed.) Person. ISBN13: 978-0-13-473188-9

#### *Student Learning Outcomes*

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

<b>Student Learning Outcomes</b>
Students will be able to apply key concepts of supply chain management ( <i>by assignment/case study &amp; exam</i> )
Students will be able to appreciate the business operations in a supply chain. ( <i>by assignment/case study &amp; exam</i> )
Students will be able to articulate operations that involve the making of products and delivering products. ( <i>by assignment/case study &amp; exam</i> )

Students will be able to evaluate and apply information technology to manage supply chain operations. *(by assignment/case study & exam)*

Students will be able to apply metrics to measure the performance of supply chain *(by assignment/case study & exam)*

Students will be able to appreciate and evaluate the coordination of supply chain by using collaborative planning, forecasting, and replenishment *(by assignment/case study & exam)*

Students will be able to appreciate innovations of real-time economy for supply chain *(by assignment/case study & exam)*

### Core Competencies

- *Communication skills:* Each student will be able to effectively communicate orally along with written reports describing the supply chain system
- *Interpersonal skills:* Each student will engage in cooperative learning for building working relationship within the groups.
- *Problem-Solving:* Each student will gather and use critical-thinking skills to develop a ways to implement supply chain methods to deliver products.
- *Change-building skills:* Each student will engage in how to incorporate change when necessary for survivability and become less dependent on being in the “complacent mode”.

### Schedule for Semester:

Date	No.	Topic/Activity	Reading (Pgs.) DUE DATE
Jan 13	1	<b>Welcome/Introduction (See Discussion Board)</b>	-
Jan 13	1	CHAPTER 1-Understanding the Supply Chain	1-18
Jan 13	1	Assignment (Discussion Questions-pg.18, 1-4)	Jan 17
<b>Jan 20</b>	<b>1</b>	<b>EXAM 1</b>	<b>Jan 20</b>
Jan 21	2	CHAPTER 2-Achieving Strategic Fit in a Supply Chain	19-36
Jan 21	2	Assignment (Case Study-pg. 39, 1-3)	Jan 27
<b>Jan 28</b>	<b>2</b>	<b>EXAM 2</b>	<b>Jan 28</b>
Jan 29	3	CHAPTER 3-Supply Chain Drivers and Metrics	40-68
Jan 29	3	Assignment (Discussion Questions-pg.61, 1-4)	Feb 3
<b>Feb 4</b>	<b>3</b>	<b>EXAM 3</b>	<b>Feb 4</b>
Feb 5	4	CHAPTER 4-Designing Distribution, Networks and...	69-102
Feb 5	4	Assignment (Discussion Questions-pg. 97, 1-8)	Feb 10
<b>Feb 11</b>	<b>4</b>	<b>EXAM 4</b>	<b>Feb 11</b>
Feb 13	5	CHAPTER 5-Network Design in the Supply Chain	103-137
Feb 13	5	Assignment (Discussion Questions-pg. 129, 1-5)	Feb 19
<b>Feb 20</b>	<b>5</b>	<b>EXAM 5</b>	<b>Feb 20</b>
Feb 24	6	CHAPTER 6-Designing Global Supply Chain Networks	138-171
Feb 24	6	Assignment ( Discussion Questions -pg.165, 1-6)	Feb 28
<b>Mar 2</b>	<b>6</b>	<b>EXAM 6</b>	<b>Mar 2</b>
Mar 4	7	CHAPTER 7-Demand forecasting in a Supply Chain	172-204
Mar 4	7	<b>NO ASSIGNMENT(Read chapter)</b>	-
<b>Mar 17</b>	<b>7</b>	<b>EXAM 7</b>	<b>Mar 17</b>



**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 YOUR CANVAS MALFUNCTIONS.** All test deadlines will be at 11pm. After 11pm, the link will disappear. Be sure you are keeping up with the dates when the test link open.

### Exams

You will have fourteen exams to complete. Each exam is 100 points and the time limit is 75 minutes. **I strongly advise you to read the chapter before completing the exam.** Also, it is very important to keep up to complete your exams. **If miss an exam, you will receive a zero, no exceptions, unless sick or family emergency which you will need written excuse from doctor.**

### Late Assignments (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 YOU DO NOT TURN IN YOUR ASSIGNMENTS ON TIME, YOU WILL RECEIVE A ZERO! (If you are sick, please show proof by doctor's note to be excused to upload assignments.)** 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.

**PLEASE NOTE THAT EACH EXAM WILL CLOSE AFTER THE DUE DATE ON CANVAS!**

### Grade Dispute

If you have a disagreement with your final grade, you have **1 week** to resolve it. You must bring all of your assignments when meeting with the instructor.

### Dates of Final Exam:

**April 28-30 & May 1-2, 2020**

### Date to Withdraw Without Penalty:

**March 30, 2020**

### Supplies

Flash drive (1G to 4G) to save assignments

### Attendance and Make-Up Policy:

Attendance is expected in this course in order to achieve maximum learning for all participants. Unforeseen circumstances do sometimes arise, so periodic absences may occur. If you find that you must miss a class meeting, please contact the instructor *prior* to the start of class. Please be on time. If you must arrive late, let the instructor know prior to the start of class. Laptops are permitted but the wireless internet card must be disabled during the class. Also, cell phones must be turned off and put away during class.

If a student is sick or have a death in the immediate family, the instructor will discuss the arrangements for turning in make-up work. The student must have written proof too make up an assignment or exam.

### 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>

### **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. 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 is the deadline for many forms and enrollment actions that students need to be aware of. 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](mailto:saroffice@uttyler.edu).

### **Campus Carry**

We respect the right and privacy of students 21 and over 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>

### **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.

**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.