



## Supply Chain Technology TECH 3163 Spring 2024

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**Course Dates:** Jan 16<sup>th</sup> – May 3<sup>rd</sup>  
**Course Credits:** 3

### Introduction

Hello everyone. I am Dr. Ali Elmozughi, and I will be your professor for Supply Chain Technology - TECH 3163.

Supply Chain Technology is a complete web or online course, that is conducted in the D2L learning management system (LMS). Along with the recommended text, online lectures, which summarize elaborations of the text, sample papers, and additional reading on the subject matter are encouraged. This aids in the completion of homework assignments, projects, or group work that I would assign at the end of each chapter. Completed homework should be submitted in the specified drop-box as stipulated. Discussions will be posted from time to time, to ensure that the learning process remains as interactive as possible. Late work is not accepted.

If you have any questions, queries, or concerns, feel free to contact me via email. I will be more than willing to help.

### Course Description

**Course Prerequisites:** Sophomore standing or the consent of the instructor.

**Course Catalog Description:** Students will study how to satisfy customer needs by reducing time required to design, process, and deliver products and use appropriate transportation, warehousing, and

logistics to lower costs. Students will study the role of third-party logistics providers, compute order quantities, reorder points, safety stock, and key considerations in managing supply chains.

**Overview of the course:**

**Purpose:** This course is a study of the problems involved in developing an integrative safety, health and environmental program for an industrial or commercial establishment.

**Objectives/outcomes:** Managers, technical personnel, and engineers must be knowledgeable about safety, health, and the environment, and be prepared to oversee a corporate program that encompasses these areas of responsibility.

**General Topics:** History, Laws and Regulations, Hazard Assessment, Hazard Prevention, Hazard Control, Ergonomics, Safety and Health Training, and Management of Safety and Health.

**Target Audience:** Junior

**Required for any specific major:** Online BAAS in Technology.

**Method of instruction:** (powerpoint lectures, audio files, Tegrity, discussions, group work, etc.)

## Required Text

**Required Materials:** *Supply Chain* by Nada Sanders, Wiley (2013), ISBN: 978-1-119-39232-3 (Latest Edition)

## Important Dates

**Spring 2024**

Classes begin:	January 16th
The deadline to file for graduation	February 12 <sup>th</sup>
Drop or Withdraw with a 'W':	February 28 <sup>th</sup>
Last Day	May 3 <sup>rd</sup>
Final Exams:	May 4 <sup>th</sup>

<b>Class Beginning</b>	WK1	16-Jan
Qz1	WK2	22-Jan
	WK3	29-Jan
	WK4	5-Feb
	WK5	12-Feb
	WK6	19-Feb
	WK7	26-Feb
	WK8	4-Mar
	<b>Spring Break</b>	OFF
Paper	WK9	18-Mar
	WK10	25-Mar
Qz2	WK11	1-Apr
	WK12	8-Apr
	WK13	15-Apr
Presentation	WK14	22-Apr
<b>Last Week: Qz3</b>	WK15	29-Apr
Final Exam: Qz4	WK16	4-May

## Course Assessment

<b>Course Activity</b>	<b>Points</b>	<b>Percentage of Total Grade</b>
Home Work 1- 13	100 each	20%
Quiz1	100	10%
Quiz 2	100	10%
Quiz 3	100	10%
Final	100	10%
Individual Paper (2- 3 page) Due by Midterm (week 9)	100	10%
Presentation ( 8 - 10 slides) Due by final (week 13)	100	10%
Discussion participation		
Topic # 1	10	5%
Topic # 2	10	5%
Topic # 3	10	5%
Topic # 4	10	5%
<b>Total</b>		100%

## Grading Scale:

90 and above	A
80 to 89	B
70 to 79	C
60 to 69	D
Less than 59	F

## Student e-mail:

All students are provided with email accounts through the university server. Every student must use the university email for student-instructor interaction.

If you choose not to use university email, I will accept yahoo or hotmail or gmail email as long as the email address has your *first* and *last name*.

## Policies & Procedures:

### 1. Submit *Student Information Sheet*:

Every student in this course is expected to complete the student information in discussion 1 at the beginning of the semester.

### 2. Course Content Structure:

The course is divided into 4 parts.

Every part covers:

- a. online homework;
- b. several chapters,
- c. online discussion topics, and
- d. online test.

You should read the textbook chapter first, and then review the online power points provided. The PowerPoint will be summaries or elaborations of the textbook, and the homework is administered at the end of each chapter. After you have completed reviewing the PowerPoint, you should then log into "Discussion Tool" and post answers to the discussion question (specific to the part) posted by the instructor. You must also read other students' posts and respond to two other students' responses. Discussion posts must be made by the due date on the schedule to receive full credit. You should also complete the Test/Quiz, by the set dates.

### **3. Grading and Feedback:**

All the course activities will be graded one week after the set due date. You can check your grades by going to **GradeBook**. If there is any discrepancy in the grade, you must contact me immediately. I will provide individual feedback or general feedback throughout the course, as it relates to performance in course activities.

### **4. Cheating/Plagiarism/Academic Dishonesty:**

Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, 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 such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor or the attempt to commit such acts.

**“Plagiarism” includes, but is not limited to** the appropriation of, buying, receiving as a gift, or obtaining by any means material that is attributable in whole or in part to another source, including words, ideas, illustrations, structure, computer code, other expression and media, and presenting that material as one’s own academic work being offered for credit.

NOTE: Students found plagiarizing or cheating will receive a zero for course activity which could cause failure in the class, suspension and/or dismissal from the college.

### **5. Discussion Board Participation:**

Each discussion board post is worth 5% of the grade.

For each discussion question, students must firstly , respond to the question directly, then secondly, read and respond to other students posts and reply to at least two other students responses (not optional). You must ensure that the responses to the questions are meaningful, reflective, refer to personal experience and support your course readings. Avoid postings that are limited to 'I agree' or 'great idea', etc. If you agree (or disagree) with a posting then say why you agree by supporting your statement with concepts from the readings or by bringing in a related example or experience.

You are expected to read all messages. You are responsible for reading all of the messages that are posted in the online discussion. Not reading messages is the equivalent of sleeping in class.

Use a person's name in the body of your message when you reply to their message. It helps to keep all of us oriented. It helps us maintain a clearer sense of who is speaking and who is being spoken to. As we begin to associate names with tone and ideas, we come to know each other better.

Change the subject line when you introduce a new topic. The value of this tip will become apparent as the number of messages grows.

### **6. Submission and Naming Convention of Course Activities:**

Keep in mind the following standards/practices for naming and submission of assignments:

- a. All course activity files that will be submitted to the instructor should bear the name as follows:

*First name + last name + the name of the assignment*

Example: *Jane Doe Home Work 1* or *Jane Doe Paper*

- b. Be sure to put your name at the top of each page header
- c. Always keep a copy of all the work you submit so that you won't need to re-do it if it should get lost in cyberspace.

## **7. Make-Up/Late Submission Policy:**

All course activities must be submitted before or on set due dates.

## **8. Accommodation for Students with Disabilities:**

Midwestern State University is committed to providing equal access for qualified students with disabilities to all university courses and programs, and by law all students with disabilities are guaranteed a learning environment that provides reasonable accommodation of their disability. This guarantee is provided through Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. The ADA reads: "No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subject to discrimination by any such entity." The Director of Disability Support Services serves as the ADA Coordinator and may be contacted at (940) 397-4140, TDD (940) 397-4515, or 3410 Taft Blvd., Clark Student Center 168.

## **9. Course Incomplete/Withdrawal/Grade Appeal:**

**All students are required to complete the course within the semester they are signed up. Incomplete grades for the course are rarely given and will only be granted if the student has complete at least 75% of the course with a grade of 'C' or better and provides a valid, documented excuse for not being able to complete the course on time and has contacted prior to the scheduled last class to request an extension. The student will sign a contract that includes the incomplete course activities and the new due dates.**

## **10. Netiquette:**

Anything you type in the discussion area is public – which means that every student in this class (including your instructor) will see what you write. Please pay attention to the language you use and adhere to the following guidelines:

- 1) Do not post anything too personal;
- 2) **Do not use language that is inappropriate for a classroom setting or prejudicial in regard to gender, race, or ethnicity;**
- 3) **Do not all caps in the postings (it is considered shouting)**

- 4) Be courteous and respectful to other people on the list
- 5) Do not overuse acronyms like you would use in text messaging. Some of the list participants may not be familiar with acronyms.
- 6) If the posting is going to be long, use line breaks and paragraphs
- 7) Fill in the Subject Line
- 8) Write your full name at the end of the posting
- 9) Be careful with sarcasm and subtle humor; *one person's joke is another person's insult.*

NOTE: If you do not adhere to the guidelines for any posting, you will lose the points that would have been granted, and the instructor reserves the right to remove your posting and to deny you any further posting privileges.

### **11. Attendance and Class Participation:**

Regular and active participation is an essential, unmistakably important aspect of this online course. The expectation of the instructor is that students will log on a minimum of three times every seven days. It is critical that you read all of the lecture and assignment materials as well as all of the public discussion materials. Your full participation ON A WEEKLY BASIS is not only a requirement; it is also an essential aspect of the online course process. All students are expected to do the work assigned, notify the instructor when emergencies arise, and make up assignments no later than the due dates.

### **12. Tracking:**

D2L course platforms have a tracking feature. This feature quantifies how often students access different tools, pages, features, links, discussions, etc. in your course.

### **13. Absenteeism:**

All the course activities have set dates to be completed and submitted. After the due dates the activities will not be available for the students. Thus, if you are ill for a prolonged time and cannot complete the activities, you must contact me and update the situation. You are expected to log into the course every week.

If I am going to be out because of ill health, attending a conference, etc you will be notified through email.

## **Hardware/Software Requirements:**

### **Computer:**

A minimum of 64 MB RAM, 1 G of free disk space, 150 MHz or higher recommended, a monitor capable of at least 800 x 600 resolution

**Peripherals:** You will need speakers to be able to listen to audio files.

### **Software:**

The course content is presented through Microsoft Office 2007 - Powerpoint presentations, Word documents, Acrobat documents and Tegrity files. In order to view the content you must have Microsoft 2007 programs and Acrobat Reader. You are required to submit all the course activities typed in Microsoft Word 2007.

**Anti-virus software:** is highly recommended for students and instructors. Online courses involve much file sharing, which increases your risk of computer virus infection. Anti-virus software will help protect your computer in case of exposure to a computer virus.

**Other software:** There will be audio/video files in the course for which you will need [Windows Media Player](#) or [QuickTime](#) or [Real Player](#).

**Internet connection:** Recommended - Cable modem, DSL, or intranet (T-1); or 56.6 KBPS modem  
Note: Corporate or academic security firewalls may block some course content, such as chat or streaming media. Accommodations for access can usually be arranged if you contact your network administrator, though local security policies ultimately dictate what is allowed. 56 K modem or better

**Unsupported Browsers:**

America Online (AOL), Prodigy, Juno, MSN, Yahoo and other Internet Service Providers (ISPs), provide their own internal and proprietary web browsers. These browsers may not be compatible with online courses.

## Preparation for Computer Emergencies:

### **Computer Crash**

Not having a working computer or a crashed computer during the semester will NOT be considered as an acceptable reason for not completing course activities at a scheduled time. NOTE: Identify a second computer before the semester begins, that you can use when/if your personal computer crashes.

### **Server problems**

When the D2L server needs downtime for maintenance, the Blackboard administrator will post an announcement in your course informing the time and the date. If the server experiences unforeseen problems your course instructor will send an email.

### **Complete Loss of Contact**

If you lose contact with me completely (i.e. you cannot contact me via email), you need to call me at my office, and explain the reason you cannot contact me and leave me a way to contact you.

### **Lost/Corrupt/Disappeared files**

You must keep/save a copy of every project/assignment on an external disk or personal computer. In the event of any kind of failure (e.g., D2L server crash or virus infection, students own computer crashes, loss of files in cyberspace, etc) or any contradictions/problems, I may/will request you to resubmit the files. In other words, if you submit a document to me, and I either do not receive it



(lost in cyberspace) or it is corrupted when I open it, it is incumbent upon you to resend it to me, corrected, with little or no "downtime" in regard to the timeline for submission.

## End-of-Course Evaluation & Instructor Evaluation:

Every student must complete end-of-course evaluation provided by MWSU.

## Disclaimer & Rights:

Information contained in this syllabus was to the best knowledge of the instructor considered correct and complete when distributed for use in the beginning of the semester. However, the instructor reserves the right, acting within the policies and procedures of MWSU to make changes in the course content or instructional techniques without notice or obligation. The students will be informed about the changes, if any.

## SCHEDULE

A daily or weekly schedule is not a required part of or required addendum to a syllabus. It does, however, help keep the course on track throughout a semester, help the instructor from "running out of time" at the end of a course, enable students to always see what is coming up, enable them to see where classes fit into the plan, and evidence good planning and organization. It also saves the instructor significant planning time during the course. It is particularly important for an Internet course, because of the different times students "attend" classes and the logistical problems caused by changing things or improvising "on the fly."

Week	TOPIC/ACTIVITY	SUGGESTED READING	Home Work	Discussion	Due Date
1	Syllabus. Chapters 1 Introduction. PowerPoint for Chapter 1.	Chapter 1 Introduction.	Do homework at the end of PowerPoint for Chapters 1	<b>Post your name, where you work (if any), what you do (work, etc.), email address, ID picture, and phone number (work).</b>	It is due on Sunday of Week 2
2	Chapter 2 Supply Chain Strategy. PowerPoint for Chapter 2	Chapter 2 Supply Chain Strategy.	Do homework at the end of powerpoint for Chapter 2.		It is due on Sunday of Week 3
3	Chapter 3 Network and System Design.	Chapter 3 Network and System Design.	Do homework at end of power point for Chapter 3		Due Sunday of Week 4

	Power Point for Chapter 3				
4	Chapter 4 Marketing  Power Point for Chapter 4	Chapter 4 Marketing	Do homework at end of power point for Chapter 4.		Due Sunday of Week 5
5	Chapter 5 Operations Management  PowerPoint for Chapter 5	Chapter 5 Operations Management	Do homework at end of power point for Chapter 5.	<b><u>Post a discussion on any ONE and answer TWO on any of the other topics:</u></b> <b>Topics covered in Chapters 1- 5</b>	Due Sunday of Week 6
6	<b>Quiz 1</b> <b>Chapters 1 - 5</b> <b>10 short answer questions.</b>	<b>Chapters 1 - 5</b>			Due Sunday of Week 7  <b>10 short answer questions.</b>
7	Chapter 6 Sourcing  PowerPoint for Chapter 6.	Chapter 6 Sourcing	Do homework at the end of PowerPoint for Chapter 6.		Due Sunday of Week 8
8	Chapter 7 Logistics  PowerPoint for Chapter 7	Chapter 7 Logistics	Do homework at the end of PowerPoint for Chapter 7.		Sunday of Week 9

9	Chapter 8 Forecasting and Demand Planning  PowerPoint for Chapter 8  <b>Individual 2- 3 page paper due with 2-4 references on any topic related to Supply Chain</b>	Chapter 8 Forecasting and Demand Planning	Do homework at the end of the PowerPoint for Chapter 8.  <b>Individual 2- 3 page paper due with 2-4 references</b>		Sunday of Week 10  <b>Individual 2 - 3 page paper due with 2-4 references.</b>
10	Chapter 9 Inventory Management  PowerPoint for Chapter 9	Chapter 9 Inventory Management	Do homework at the end of PowerPoint for Chapter 9.		It is due on Sunday of Week 11
11	<b>Quiz 2</b>  <b>Chapters 6 - 9</b>  <b>10 short answer questions.</b>	<b>Chapters 6 - 9</b>		<b><u>Post a discussion on any ONE and answer TWO on any of the other topics of the following:</u></b> <b>Any topic on Chapters 6- 9</b>	Sunday of Week 12  <b>10 short answer questions.</b>
12	Chapter 10 Lean Systems and Six Sigma Quality  PowerPoint for Chapter 10.	Chapter 10 Lean Systems and Six Sigma Quality			It is due on Sunday of Week 13
13	Chapter 11 Supply Chain Relationship  PowerPoint for Chapter 11.	Chapter 11 Supply Chain Relationship	Do homework at the end of the PowerPoint for Chapter 11.		It is due on Sunday of Week 14
14	Chapter 12 Global Supply Chain  Power Point for Chapter 12.  <b>Presentation: 8 – 10 slides on any</b>	Chapter 12 Global Supply Chain	Do homework at the end of PowerPoint for Chapter 12.  <b>Presentation: 8 – 10 slides</b>		It is due on Sunday of Week 15  <b>Presentation: 8 – 10 slides</b>

	<b>topic related to Supply Chain</b>				
15	Chapter 13 Sustainable Supply Chain  Power Point for Chapter 13.  <b>Quiz 3 Chapters 10 -13</b>	Chapter 13 Sustainable Supply Chain  <b>Chapters 10 - 13</b>	Do homework at end of power point for Chapter 13.  It is due on Sunday of Week 15	<b><u>Post a discussion on any ONE and answer TWO on any of the other topics of the following: Chapters 10 - 13</u></b>	It is due on Sunday of Week 16  <b>10 short answer questions.</b>  <b>Ten short answer questions.</b> It is due on Monday of Week 16
16	<b>Final</b>		<b>Due Finals week on Monday.</b>		