

Navajo Technical University
PO Box 849, Crownpoint, NM 87313

<http://www.navajotech.edu>

Tel: (505) 387-7401

Course Title: Supply Chain & Operation Management
Course #: BUS 340 ONLY

Credit Hours: 3
Semester: Spring 2022
Cap: 30

Faculty: Tomacita Grey

E-mail: Tomacita.Grey@navajotech.edu

Office: Online

Office Phone: 505-387-7415

Office Hours (face-to-face or online): Online

Preferred Communication (email and/or text; will respond within 24 hours): email

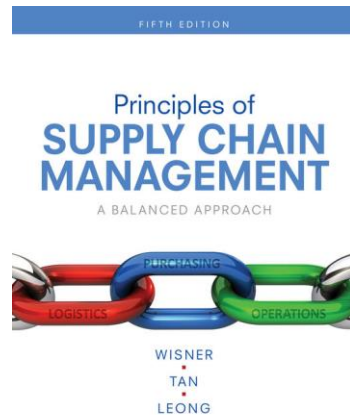
Modality (face-to-face, hybrid, or online): Online

Class Location and Meeting Times (if face-to-face): Online

Meeting Hours and Online Hours (if hybrid): Online

Required Materials:

Textbooks:



Principles of Supply Chain Management: A Balanced Approach, 5th edition

Joel D. Wisner, Keah-Choon Tan, Keong Leong
ISBN-978-1-337-40649-9

Tools:

Laptop and Internet Access: Every student is required to own a laptop and have internet access.

Lab Fee (if applicable):

Mission, Vision, and Philosophy

Mission: Navajo Technical University honors Diné culture and language, while educating for the future.

Vision: Navajo Technical University provides an excellent educational experience in a supportive, culturally diverse environment, enabling all community members to grow intellectually, culturally, and economically.

Philosophy: Through the teachings of Nitsáhákees (thinking), Nahátá (planning), Íina (implementing), and Siihasin (reflection), students acquire quality education in diverse fields, while preserving cultural values and gaining economic opportunities.

Course Description:

This course presents supply chain management in four foundational practices: purchasing, operations, logistics, and process integration. Supply chain management has a significant impact in all areas of any firm and their trading partners and can show managers how they can improve their firm's competitive position in any industry. The book is developed in five parts. We will be exploring the bullwhip effect,

supplier relationship management, forecasting, supplier development, ethical purchasing, collaborative planning, inventory models, and supply risk chain management to name a few.

Course Objectives

After successfully completing this course, students should be able to clearly discuss the following:

1. Describe a supply chain and define supply chain management
2. Analyze and evaluate sourcing decisions and the factors impacting supplier selection, including outsourcing, make or buy, and break-even analysis
3. Understand how ethical and sustainable strategies are developed and implemented
4. Explain collaborative planning, forecasting, and replenishment
5. Discuss the chase, level, and mixed aggregate production strategies
6. The ABC Inventory control system
7. Discuss the strategic importance of CRM
8. Understand how supply chain management for services differs from supply chain management for manufacturers

Course Outcomes	Course Assessments
Students are expected to participate in the online discussion boards by addressing the topic at hand	Discussion board using posted lecture, chapter reading and or assignments, internet research assignments, & case study
Students are expected to complete all quizzes assigned weekly (except Midterm and Finals week)	Weekly quizzes on Moodle
Students are expected to complete written assignments as assigned – research paper, video presentations, discussion boards, case study reviews, etc.	Chapter assignments, internet research assignments, & case studies
Students are expected to complete one midterm exam and one final exam. The midterm will consist of Chapters 1 – 5 & the final exam will consist of Chapters 6 - 13	Lecture, chapter assignments, internet research assignments, exams & case study
STUDENT VIDEO PRESENTATION – PICK A TOPIC FROM CHAPTERS 1 – 6 <u>DUE WEEK 3</u>	A video presentation of any topic from Chapters 1 – 6. The presentation will incorporate <i>Nitsáhákees, Nahát 'a', Íina and Siih Hasin</i> , as the outline. Students will upload a video no less than 5 minutes and no more than 15 mins. The presentation will also include a 1 – 5-page written summary emailed directly to the instructor. Videos must be uploaded to Moodle or designated location.

Connections to Program Assessment (Course-Embedded Measures)

Course Activities

Week	Date	Topics	Assignments	Quizzes
Module One				
Part 1 – Supply Chain Management: An Overview				
1	1/18/2022 – 1/23/2022	Chapter 1 – Introduction to Supply Chain Management	Discussion questions (1-3)	Chapter 1
		1. Discussion Board questions		

		2. Quiz		
January 21, 2022 Last Day Add / Drop Classes w/out W				
Module Two				
Part 2 – Supply Issues in Supply Chain Management				
2	1/24/2022 – 1/30/2022	Chapter 2 – Purchasing Management	Discussion questions (1-3)	Chapter 2
3	1/31/2022 – 2/6/2022	Chapter 3 – Creating and Managing Supplier Relationships	Discussion questions (1-3)	Chapter 3
4	2/7/2022 – 2/13/2022	Chapter 4 – Ethical and Sustainable Sourcing	Discussion questions (1-3)	Chapter 4
5	2/14/2022 – 2/20/2022	Chapter 5 – Demand Forecasting	Discussion questions (1-3)	Chapter 5
		1. Discussion Board questions 2. Quizzes for each chapter		
February 21, 2022 - HOLIDAY – President’s Day				
Module Three				
Part 3 – Operations Issues in Supply Chain Management				
6	2/21/2022 – 2/27/2022	Chapter 6 – Resource Planning Systems <u>STUDENT VIDEO PRESENTATION DUE – see course outcomes below for more details on this assignment</u>	Discussion questions (1-3)	Chapter 6
7	2/28/2022 – 3/6/2022	Chapter 7 – Inventory Management	Discussion questions (1-3)	Chapter 7
8	3/7/2022 – 3/13/2022	MIDTERM EXAMS CHAPTERS 1 - 8		
		Chapter 8 – Process Management – Lean and Six Sigma in the Supply Chain	Discussion questions (1-3)	Chapter 8
		1. Student Video Presentation 2. Discussion Board questions 3. Quizzes for each chapter		
3/14/2022 – 3/18/2022 – SPRING BREAK				
Module Four				
Part 4 – Distribution Issues in Supply Chain Management				
10	3/21/2022 – 3/27/2022	Chapter 9 – Domestic US and Global Logistics	Discussion questions (1-3)	Chapter 9
11	3/28/2022 – 4/3/2022	Chapter 10 – Customer Relationship Management	Discussion questions (1-3)	Chapter 10
12	4/4/2022 – 4/10/2022	Chapter 11 – Global Location Decisions	Discussion questions (1-3)	Chapter 11
13	4/11/2022 – 4/17/2022	Chapter 12 – Service Response Logistics	Discussion questions (1-3)	Chapter 12
		1. Discussion Board questions 2. Quizzes for each chapter		
Module Five				
Part 5 – Integration Issues in Supply Chain Management				
14	4/18/2022 – 4/24/2022	Chapter 13 – Supply Chain Process Integration	Discussion questions (1-3)	Chapter 13
15	4/25/2022 – 5/1/2022	Chapter 14 – Performance Measurement Along Supply Chains	Discussion questions (1-3)	Chapter 14
		1. Discussion Board questions		

		2. Quizzes for each chapter	
Module Six			
Week 16: 5/9/2022 – 5/12/2022 – FINALS WEEK (Chapters 9 – 14)			

Grading Plan

Homework:

Class Participation:

Project(s):

Quizzes:

Mid-term:

Final Exam:

Portfolio:

A = 100-90%

B = 89-80%

C = 79-70%

D = 69-60%

F = 59% or less

Grading Policy

Students must do their own work. Cheating and plagiarism are strictly forbidden. Cheating includes (but is not limited to) plagiarism, submission of work that is not one's own, submission or use of falsified data, unauthorized access to exams or assignments, use of unauthorized material during an exam, or supplying or communicating unauthorized information for assignments or exams.

Participation

Students are expected to attend and participate in all class activities. Points will be given to students who actively participate in class activities including guest speakers, field trips, laboratories, and all other classroom events.

Cell phone and headphone use

Please turn cell phones off **before** coming to class. Cell phone courtesy is essential to quality classroom learning. Headphones must be removed before coming to class.

Attendance Policy

Students are expected to attend all class sessions. If more than ten minutes late, students will be counted as absent. A percentage of the student's grade will be based on class attendance and participation. Absence from class, regardless of the reason, does not relieve the student of responsibility to complete all course work by required deadlines. Furthermore, it is the student's responsibility to obtain notes, handouts, and any other information covered when absent from class and to arrange to make up any in-class assignments or tests if permitted by the instructor. Incomplete or missing assignments will necessarily affect the student's grades. Instructors will report excessive and/or unexplained absences to the Counseling Department for investigation and potential intervention. **Instructors may drop students from the class after three (3) absences unless prior arrangements are made with the instructor to make up work and the instructor deems any excuse acceptable.**

Study Time Outside of Class for Face-to-Face Courses

For every credit hour in class, a student is expected to spend two hours outside of class studying course materials.

Study Time for Hybrid or Blended Courses

For a hybrid or blended course of one credit hour, a student is expected to spend three hours per week studying course materials.

Study Time for Online Courses

For an online course of one credit hour, a student is expected to spend four hours per week studying course materials.

Academic Integrity

Integrity (honesty) is expected of every student in all academic work. The guiding principle of academic integrity is that a student's submitted work must be the student's own. Students who engage in academic dishonesty diminish their education and bring discredit to the University community. Avoid situations likely to compromise academic integrity such as: cheating, facilitating academic dishonesty, and plagiarism; modifying academic work to obtain additional credit in the same class unless approved in advance by the instructor, failure to observe rules of academic integrity established by the instructor. **The use of another person's ideas or work claimed as your own without acknowledging the original source is known as plagiarism and is prohibited.**

Diné Philosophy of Education

The Diné Philosophy of Education (DPE) is incorporated into every class for students to become aware of and to understand the significance of the four Diné philosophical elements, including its affiliation with the four directions, four sacred mountains, the four set of thought processes and so forth: Nitsáhákees, Nahát'á, Íina and Siih Hasin which are essential and relevant to self-identity, respect and wisdom to achieve career goals successfully.

At NTU's Zuni Campus, the A:shiwí Philosophy of Education offers essential elements for helping students develop Indigenous and Western understandings. Yam de bena: dap haydoshna: akkya hon detsemak a:wannikwa da: hon de:tsemak a:ts'umme. *Our language and ceremonies allow our people to maintain strength and knowledge.* A:shiwí core values of hon i:yyułashik'yanna:wa (respect), hon delank'oha:willa:wa (kindness and empathy), hon i:yyayumola:wa (honesty and trustworthiness), and hon kohoł lewuna:wedyahnan, wan hon kela i:tsemanna (think critically) are central to attaining strength and knowledge. They help learners develop positive self-identity, respect, kindness, and critical thinking skills to achieve life goals successfully.

Students with Disabilities

Navajo Technical University is committed to serving all students in a non-discriminatory and accommodating manner. Any student who feels that she or he may need special accommodations should contact the Accommodations Office (<http://www.navajotech.edu/student-services#accomodations-services>) in accordance with the university's Disability Accommodations Policy (see http://www.navajotech.edu/images/about/policiesDocs/Disability_ Exhibit-A_ 6-26-2018.pdf).

Email Address

Students are required to use NTU's email address for all communications with faculty and staff.

Final Exam Date: