

Purdue University Northwest
IT 53500 Global Supply Chain Management – Winter/Spring 2022
1/10/22 – 5/7/2022

Course Instructor

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Office

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Format

Online Asynchronous

Course Description

This course is designed to provide students with an understanding of business processes and strategies needed to integrate logistical system management. The importance of good supply chain design, planning, operation and performance improvement in an organization is discussed. This course will also count towards a Masters of Science in Technology.

Student Objectives

After successfully completing this course, a student should be able to:

1. Develop an understanding on how supply chain and logistical systems are interrelated and interface with other functions of the organization
2. Understand how to design a supply chain system
3. Understand how internet technologies enable supply chains
4. Measure supply chain performance globally

Textbook

Principles of Supply Chain Management: A Balanced Approach
Latest Edition, Pub: South-Western, CENGAGE Learning
Authors: Wisner, Tang & Leong

Course Content

- a. Supply chain overview
- b. Purchasing management
- c. Supplier relationships
- d. Strategic sourcing
- e. Demand Forecasting
- f. Resource planning
- g. Inventory management
- h. Process management: Lean concepts
- i. Domestic and global logistics
- j. Customer relationships
- k. Global location decisions
- l. Service response logistics
- m. Integration of supply chain
- n. Performance measurement

Course Policies

All students are expected to follow all lectures. Homework assignments are intended to supplement the lecture with application experience and need to be submitted. Submission dates are notified with each assignment and must upload in **Brightspace**. Typically, you will have about FIVE days to submit. Grades and comments if any, will be posted on **Brightspace**

- ⇒ **No late assignments will be accepted. Please do not wait till the last moment to upload your work.**
- ⇒ **There may be timed quizzes in some modules**

Grades are assigned on a straight scale. Grade distribution is,

| | |
|----------|---|
| 90 – 100 | A |
| 80 - 89 | B |
| 70 - 79 | C |
| 60 - 69 | D |
| < 60 | F |

Overall grade is based on, homework assignments and quizzes. Weight is based on,

| | |
|-----------------------------|-----|
| Two Examinations (each 35%) | 70% |
| Assignments/quizzes | 30% |

Americans with Disabilities Act

All qualified students enrolled in this course are entitled to ‘reasonable accommodations.’ It is the students responsibility to inform the instructor of any special needs during the **first week** of classes.

Academic Integrity Statement

Ethics are an integral part of being a student and a professional. Academic integrity is the hallmark of this university. Therefore, Purdue University Calumet does not tolerate academic dishonesty in any form. If a student beaches integrity, the student risks sanctions in both the academic and conduct arenas. Academic dishonesty includes, but is not limited to, the unauthorized use of other’s intellectual property (plagiarism) and lying to an instructor or other university employee. Such actions will result in a failing grade in the assignment with the strong possibility of course failure, and the strong possibility of referral to the Office of the Dean of Students for a conduct sanction. (See Purdue University’s student handbook.)

Grading Standards for Homework assignments

Assignments will be evaluated from **THREE** perspectives

1. **Correct answer to the problem.**
2. **The answer need to be complete.**
Most questions require an explanation; need supporting arguments, sketches, graphs and assumptions taken. Some questions are open-ended and may require critical thinking. A one-word answer is rarely sufficient.
3. **Professionalism in presentation. This is a graduate level course. You are expected to use references other than notes and text. 10% will be deducted without appropriate citations.**
Ask the question, “would you present this solution to your manager or colleagues at work?” If the answer is NO, we both have an issue!
All work must be typed or neatly written
Sketches and graphs must be properly labeled.
Each assignment (may have multiple problems) will be graded on a scale of 10. A grading rubric may be given with some assignments
A score of 10/10 is **ONLY** given, if the assignment **meets or exceeds** all of the above conditions, **fully**.