



A POLYTECHNIC INSTITUTION

School of Business

Program: IBMP

Option:

**Supply Chain Planning & Logistics – GTTM
3301****Start Date:** September 5, 2025**End Date:** December 4, 2025**Total Hours:** 56 **Total Weeks:** 14**Term/Level:** 3 **Course Credits:** 4**Hours/Week:** 4 **Lecture:** 2 **Lab:** 2**Shop:** **Seminar:** **Other:****Prerequisites:****is a Prerequisite for: Graduation****Course No. Course Name****Course No. GTTM4301****■ Course Description**

Supply Chain Planning and Logistics is a set of activities involved in the flow of materials and products through an organization to the market and is therefore vital to the economy and to the individual firm. The course presents an overview of the total supply chain management concept; examines the integrated logistics management concept, the role of logistics in a market-oriented society, the use of distribution channels respective of a firm's customer service objectives, purchasing within the materials management functions, the financial impact of inventory and the importance of order processing and information systems on logistical performance.

■ Evaluation

Assignments & Cases	25+15	%	
Mid Term Exam	25	%	
Participation	10	%	
Final Exam	25	%	
TOTAL	100	%	

■ Course Learning Outcomes/Competencies

Upon successful completion of the course, the student will be able to:

- Outline the integrated logistics management concept and understand the role of logistics in a market-oriented society.
- Demonstrate the use of channels of distribution respective of a firm's customer service objectives.
- Explain purchasing within a Materials Management system.
- Apply logistics in a variety of manufacturing and service firm settings.
- Understand the financial impact of inventory and the importance of order processing and information systems on logistical performance.
- Understand the structure and main modules in a typical ERP system and how ERP system manages business processes and financial controls for companies
- Able to perform transactions for logistics and supply chain function in a ERP system & running reports for tracking & control purposes

■ Verification

I verify that the content of this course outline is current.

Leo Lei

Authoring Instructor

Date

I verify that this course outline has been reviewed.

Program Head/Chief Instructor

Date

I verify that this course outline complies with BCIT policy.

Dean/Associate Dean

Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.

■ Instructor(s)

Leo Lei

Office Location: SE6-342

Office Phone: 604-451-6779

Office Hrs.: By
appointment

E-mail Address: leo_lei@bcit.ca

■ Learning Resources**Required:**

Intro to Materials Management, 8 ed, Chapman et al, Pearson, 2017 or newer

■ Information for Students

(Information below can be adapted and supplemented as necessary.)

Assignments: Late assignments, lab reports or projects may be accepted for marking. However the mark available will be reduced by 20% for each day late. Assignments must be done on an individual basis unless otherwise specified by the instructor.

Makeup Tests, Exams or Quizzes: There will be **no** makeup tests, exams or quizzes. If you miss a test, exam or quiz, you will receive zero marks. Exceptions may be made for **documented** medical reasons or extenuating circumstances. In such a case, it is the responsibility of the student to inform the instructor **immediately**.

Ethics: BCIT assumes that all students attending the Institute will follow a high standard of ethics. Incidents of cheating or plagiarism may, therefore, result in a grade of zero for the assignment, quiz, test, exam, or project for all parties involved and/or expulsion from the course.

Attendance: The attendance policy as outlined in the current BCIT Calendar, The 10% Rule, will be enforced. Attendance will be taken periodically at the beginning of each session. Students not present at that time will be recorded as absent. Attendance is not Participation.

Participation: Participation is doing more than just attending class. It is contributing to a positive learning environment in a respectful and educated manner with behaviours such as:

- Asking questions to clarify and stimulate discussion
- Constructively contributing to discussions by offering other points of views, suggestions, and examples from life and work

Illness: A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exam. At the discretion of the instructor, you may complete the work missed or have the work prorated.

Attempts: Students must successfully complete a course within a maximum of three attempts at the course. Students with two attempts in a single course will be allowed to repeat the course only upon special written permission from the Associate Dean. Students who have not successfully completed a course within three attempts will not be eligible to graduate from the appropriate program.

Course Outline Changes: The material or schedule specified in this course outline may be changed by the instructor. If changes are required, they will be announced in class.

Schedule

Week	Material Covered/Lecture	Assignment / Lab	Due date
1	Introduction of Logistics and Supply Chain Management / Ch 1		
2	Introduction of ERP system / Ch 2 &3		
3	Material Planning / Ch 4		
4	Forecasting / Ch 8	Case Study # 1	
5	Inventory and Management / Ch 9		
6	Purchasing & Reviews / Ch 7	Quiz 1	
7	Mid Term		
8	Order Quantities / Ch 10		
9	Independent Demand Ordering System / Ch 11		
10	Physical Inventory and Warehouse Management / Ch 12	Case Study #2	
11	Logistics		
12	Lean Production & Review / Ch 15	Quiz 2	
13	Case 2 Presentations		
	Final Exam		