

# **INB320 International Supply Chain and Logistics Management**

## **Syllabus Overview**

This syllabus contains all relevant information about the course: its objectives and outcomes, the grading criteria, the texts and other materials of instruction, and weekly topics, outcomes, assignments, and due dates. Consider this your roadmap for the course. Please read through the syllabus carefully and ask questions if you would like anything clarified. Please print a copy of this syllabus for reference.

## **Course Description**

3 Credits

Prerequisite: None

This course provides a comprehensive overview of the transportation, logistics and security transactions associated with international trade and commerce. The course focuses on the following; supply chain management, infrastructure analysis, foreign market entry modes, international trade contracts, payments, insurance, multi-modal transportation, packaging, customs and most importantly security.

## **Course Outcomes**

At the completion of this course, students should be able to:

- Explain Supply Chain Management and its applications in a variety of industries.
- Formulate a Supply Chain Management Strategy addressing flows, relationships, warehouse management, transportation, accounting, and sustainability.
- Analyze the financial aspects of logistics
- Evaluate modes of transportation and their impact on overall supply chain effectiveness.
- Construct a plan for risk mitigation to address operational and transportation vulnerabilities utilizing security and technology strategies.
- Manage Logistic Service Providers utilizing a data driven Balanced Scorecard approach.

## **Communication with Your Instructor**

You will receive a welcome email from your instructor prior to the start of class. This email will contain your instructor's contact information. Your instructor will also be communicating with you via several methods in the course, including:

- **Announcements** – This communication tool, located on the navigation menu within your course in Canvas, contains important updates. Be sure to check for new announcements from your instructor each time you access your course.
- **Q&A** – Use this discussion board, located on the Home screen in your course, to communicate with your instructor and classmates regarding general course questions (i.e. missing links, assignment clarification, etc.).
- **Inbox** – Use the Inbox, located in the top right corner of Canvas, to send a message to your instructor or classmates.

## Materials and Resources

Required Text:

Mangan, J., Lalwani, C., Butcher, T., Javadpour, R. (2012). *Global Logistics and Supply Chain Management*. 2nd ed. West Sussex: John Wiley and Sons

## Bookstore Information

The bookstore can be located in the left-hand navigation of any Canvas course.

## Library Services

Detailed information about the eLibrary can be found in the Student Resource Center. This is a course that all students have access to during their academic career.

## Canvas Help Desk and Technical Questions

If you experience technical issues in your course, please contact the Canvas Help Desk by clicking the Help link (top right corner within Canvas). There are 3 ways to contact them:

- Phone (888-628-2749)
- Live chat
- Report a problem (submit a ticket)

Be sure to notify your instructor of any technical difficulties you are experiencing.

Additional resources are available in the Student Resource Center and the Canvas Guides website:

<https://community.canvaslms.com/docs/DOC-4121>

## Weekly Schedule

<b>Week 1      Supply Chain Management and International Trade</b>	
Outcomes	<ul style="list-style-type: none"> <li>• Distinguish between Supply Chain Management (SCM) and Logistics (various theories)</li> <li>• Identify cost drivers related to SCM</li> <li>• Evaluate logistics applications</li> <li>• Analyze the effects of regulation/deregulation</li> </ul>
Readings	<ul style="list-style-type: none"> <li>• Textbook: Chapters 1&amp;2</li> <li>•</li> </ul>
Lecture	<ul style="list-style-type: none"> <li>• Professor's Lecture focusing on               <ul style="list-style-type: none"> <li>• Supply Chain Management vs. Logistics</li> <li>• Logistics in life</li> <li>• Cost Reduction vs. Value Add</li> <li>• Domestic vs. Global</li> <li>• Manufacturing vs. Service</li> </ul> </li> </ul>
Explore and Discuss	<ul style="list-style-type: none"> <li>• Aperian Global</li> <li>• Businesses eye a giant ocean shipping alliance</li> </ul>
Discussion	<b>Various flows in a supply chain</b>
Assignment	<b>Term Project – Supply chain consultant</b>

<b>Week 2      Supply Chain Relationships and Strategies</b>	
Outcomes	<ul style="list-style-type: none"> <li>• Debate the benefits and problems with outsourcing and offshoring</li> <li>• Differentiate vertical and horizontal supply chain collaboration</li> <li>• Assess the rate of international trade growth and its implications</li> <li>• Propose various supply chain management strategies</li> </ul>
Readings	Read Chapters 3 and 4
Lecture	<ul style="list-style-type: none"> <li>• Professor's lecture focusing on               <ul style="list-style-type: none"> <li>• International Trade Growth</li> <li>• Strategies</li> <li>• Outsourcing (benefits vs. detriments)</li> </ul> </li> </ul>

Explore and Discuss	Good-intentioned government policy
Discussion	<b>Outsourcing/offshoring</b>
Assignment	<b>Term Project - supply-demand taxonomy</b>
Quiz	Refer to your course

<b>Week 3 Global Transportation</b>	
Outcomes	Compare the various modes of transportation Appraise the benefits of multi-modal transportation Examine transportation efficiencies across the globe Assess risks and security methodologies involved in transportation
Readings	<ul style="list-style-type: none"> <li>Chapter 6 and 7</li> </ul>
Lecture	<ul style="list-style-type: none"> <li>Professor's lecture focusing on</li> <li>Modes of transportation</li> <li>Transportation considerations</li> <li>Transportation Cost vs. Inventory Cost</li> <li>Transportation Security</li> <li>Crossdocking</li> </ul>
Explore and Discuss	Ensure the safety of commercial vehicles
Discussion	<b>Transportation industry</b>
Assignments	<b>Individual Assignment - transportation and risk</b>

<b>Week 4 Procurement and Inventory</b>	
Outcomes	<ul style="list-style-type: none"> <li>Compose a process for procuring an LSP or a transportation service provider</li> <li>Analyze inventory cost vs. lead time vs. transportation cost</li> </ul>
Readings	<ul style="list-style-type: none"> <li>Chapters 9 and 10</li> </ul>
Lectures	<ul style="list-style-type: none"> <li>Professor's lecture covering               <ul style="list-style-type: none"> <li>What difference does effective procurement make?</li> <li>Inventory Considerations</li> </ul> </li> </ul>

Explore and Discuss	Inventory implications
Discussion	<b>Inventory reduction techniques</b>
Assignments	<b>Individual Assignment - establishing appropriate inventory levels</b>
Quiz	Refer to your course

<b>Week 5</b>	<b>Distribution Centers</b>
Outcomes	<ul style="list-style-type: none"> <li>Assess the factors for establishing a warehouse and its location</li> <li>Evaluate operational processes for storing and picking inventory</li> <li>Describe cross-docking</li> <li>Assess logistics data and its uses in Supply Chain Management</li> <li>Propose various technologies to support effective SCM</li> </ul>
Readings	<ul style="list-style-type: none"> <li>Chapters 11 and 12</li> </ul>
Lectures	<ul style="list-style-type: none"> <li>Professor's Lecture covering               <ul style="list-style-type: none"> <li>How to determine when/how/where to establish distribution facilities.</li> <li>How do they operate?</li> <li>Data in operations</li> </ul> </li> </ul>
Explore and Discuss	Refer to your course
Discussion	<b>John Lewis Case Study</b>
Assignments	<b>Location and technology</b>

<b>Week 6</b>	<b>Logistics Service Providers</b>
Outcomes	<ul style="list-style-type: none"> <li>Evaluate the use of external Logistics Service Providers (LSPs)</li> <li>Differentiate the various types of LSPs (3PL, 4PL, NVOCC)</li> <li>Debate key factors for evaluating LSPs</li> </ul>
Readings	<ul style="list-style-type: none"> <li>Chapters 8 and 14</li> </ul>
Lecture	<ul style="list-style-type: none"> <li>Professor's lecture, answering:               <ul style="list-style-type: none"> <li>Why use 3/4PLs?</li> <li>Why is data important to manage a supply chain?</li> <li>What types of metrics are typically considered?</li> </ul> </li> </ul>

Explore and Discuss	Modex
Discussion	<b>Logistics service providers</b>
Assignments	<b>Individual Assignment – Logistics service providers</b>
Quiz	Refer to your course

<b>Week 7</b>	<b>Security and Logistics Considerations</b>
Outcomes	<ul style="list-style-type: none"> <li>• Manage supply chain vulnerability</li> <li>• Differentiate between resiliency and robustness in the supply chain</li> <li>• Construct risk mitigation strategies</li> <li>• Examine sustainability and how it applies to logistics</li> <li>• Analyze reverse logistics</li> </ul>
Readings	<ul style="list-style-type: none"> <li>• Chapters 15, 16 and 17</li> </ul>
Lecture	<ul style="list-style-type: none"> <li>• Professor's Lecture covering             <ul style="list-style-type: none"> <li>• Supply Chain vulnerabilities</li> <li>• Sustainability examples</li> <li>• Reverse Logistics in practice</li> </ul> </li> </ul>
Explore and Discuss	Refer to your course
Discussion	<b>Supply chain sustainability/environmental improvement</b>
Assignments	<b>Individual Assignment – vulnerability/sustainability</b>

<b>Week 8</b>	<b>Supply Chain Trends</b>
Outcomes	<ul style="list-style-type: none"> <li>• Distinguish between manufacturing logistics and service logistics</li> <li>• Evaluate supply chain costs</li> </ul>
Readings	<ul style="list-style-type: none"> <li>• Chapters 18 and 19</li> </ul>
Lecture	<p>The professor's lecture this week covers:</p> <ul style="list-style-type: none"> <li>• Supply Chain Management and the growth of the field</li> <li>• Service Logistics</li> <li>• Supply Chain with product development</li> </ul>

Discussion	<b>Takeaways</b>
Assignments	<b>Presentation submission</b>
Explore and Discuss	Peer review
Course Review	Reflection
Quiz	Refer to your course
Course Evaluation	Refer to your course

## Grading and Evaluation

Your grades will reflect the way in which you present and support your topics and positions in the various learning activities used in this course. The grades will be based on the quality and quantity of your comments and responses in the various activities.

***Be sure to review the discussion and assignment rubrics in the course for specific grading criteria.***

The various graded activities are weighted as follows:

Course Element	% of Final Grade
Discussions	32%
Assignments: Weeks 1-2	6%
Assignments: Weeks 3-7	30%
Term Project Presentation	10%
Course Review	2%
Quizzes	20%
<b>Total</b>	<b>100%</b>

Students will be expected to meet all the deadlines of the class as indicated throughout the course and in the syllabus. This is primarily so we don't get behind in the course. In addition, discussions cannot overlap from one week to the next. This is to ensure that all discussions and submissions take place within the week they are scheduled in order to be of value to the entire class as well as to help you not get behind. If there are extenuating circumstances, you will need to communicate that to the instructor and make arrangements accordingly, if appropriate.

**Late Assignments:** Exceptions are to be determined by the instructor on a case-by-case basis. There will be no opportunities for extra credit.

## Learner Success Guidelines

These guidelines are provided to help you succeed in your coursework:

- Participate in the class introduction activity on the first day of class.
- Submit ALL assignments by the posted due dates and times.
- Check your emails daily.
- Contact Portal Help for logon problems or Canvas Help for technical issues with Canvas.
- Participate fully in all threaded discussions.
- Contact your instructor if you have questions about an assignment or need additional help completing your work successfully.

Academic dishonesty is grounds for dismissal from the program.



## Academic Policies

The following Academic Policies can be found in the [Student Resource Center](#).

- Grading Criteria
- Reasonable Accommodations Policy
- Student Attendance Policy
- Academic Honesty and Integrity Policy
- Student Engagement and the Granting of Academic Credit
- Copyright Policy

## Caveat

The above schedule, content, and procedures in this course are subject to change. All policies are superseded by the latest College Catalog available on our website:

<https://www.cambridgecollege.edu/student-rights-complaints-grievances/student-code-conduct>

## Disclaimer

As a disclaimer, any materials in or related to this course are provided for educational purposes only and not for the purpose of providing any legal, financial, accounting, tax or other professional advice or services. The information provided in this class is of a general nature, and it cannot substitute for the advice of a licensed professional in any respect. The application and effect of laws may vary widely depending on the specific facts and jurisdiction, and no representation or warranty is made with respect to the accuracy of any materials in or related to the course. Accordingly, the information provided is solely for general educational purposes.