

## SCP740 - Risk Mitigation for Supply Chain Management

Faculty of Continuing Education, Fall - 2020

### Subject Title

Risk Mitigation for Supply Chain Management

### Subject Description

This course examines the use of risk mitigation tools and strategies to inform supply chain management decisions.

Students will explore the art and science of identifying, prioritizing, and mitigating risk in order to create risk mitigation plans for various risk factors associated with an organization's supply chain. Students will learn how to lower the probability of occurrence of risk factors and the degree of impact of each high priority risk.

### Credit Status

One Credit.

### Learning Outcomes

Upon successful completion of this subject the student will be able to:

1. Identify and discuss various risk factors associated with the management of supply and cash flows in a global supply chain (e.g., supply disruption, supply delays, demand fluctuations, price fluctuations, exchange rate fluctuations, etc.).
2. Prioritize risks along the supply chain and identify tools and strategies to monitor and/or prevent them.
3. Discuss the strategies and tools to mitigate risks that should be considered during network design.
4. Discuss the risks and costs associated with following (or not following) principles of environmental sustainability and social responsibility in supply chain functions and processes.

### Essential Employability Skills

- Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfils the purpose and meets the needs of the audience.
  - Respond to written, spoken, or visual messages in a manner that ensures effective communication.
  - Execute mathematical operations accurately.
  - Apply a systematic approach to solve problems.
  - Use a variety of thinking skills to anticipate and solve problems.
  - Locate, select, organize, and document information using appropriate technology and information systems.
  - Analyze, evaluate, and apply relevant information from a variety of sources.
  - Manage the use of time and other resources to complete projects.

## Academic Integrity

Seneca upholds a learning community that values academic integrity, honesty, fairness, trust, respect, responsibility and courage. These values enhance Seneca's commitment to deliver high-quality education and teaching excellence, while supporting a positive learning environment. Ensure that you are aware of Seneca's Academic Integrity Policy which can be found at: <http://www.senecacollege.ca/about/policies/academic-integrity-policy.html> Review section 2 of the policy for details regarding approaches to supporting integrity. Section 2.3 and Appendix B of the policy describe various sanctions that can be applied, if there is suspected academic misconduct (e.g., contract cheating, cheating, falsification, impersonation or plagiarism).

Please visit the Academic Integrity website <http://open2.senecac.on.ca/sites/academic-integrity/for-students> to understand and learn more about how to prepare and submit work so that it supports academic integrity, and to avoid academic misconduct.

## Discrimination/Harassment

All students and employees have the right to study and work in an environment that is free from discrimination and/or harassment. Language or activities that defeat this objective violate the College Policy on Discrimination/Harassment and shall not be tolerated. Information and assistance are available from the Student Conduct Office at [student.conduct@senecacollege.ca](mailto:student.conduct@senecacollege.ca).

## Accommodation for Students with Disabilities

The College will provide reasonable accommodation to students with disabilities in order to promote academic success. If you require accommodation, contact the Counselling and Accessibility Services Office at ext. 22900 to initiate the process for documenting, assessing and implementing your individual accommodation needs.

## Topic Outline

- Identify and discuss various risk factors associated with the management of supply and cash flows in a global supply chain (e.g., supply disruption, supply delays, demand fluctuations, price fluctuations, exchange rate fluctuations, etc.).
- Prioritize risks along the supply chain and identify tools and strategies to monitor and/or prevent them.
- Discuss the strategies and tools to mitigate risks that should be considered during network design.
- Discuss the risks and costs associated with following (or not following) principles of environmental sustainability and social responsibility in supply chain functions and processes.

## Mode of Instruction

Online

## Prescribed Texts

Required:

Title: Supply Chain Risk Management: Vulnerability and Resilience in Logistics

Author: Waters, Donald.

Publisher: Kogan Page.

Edition: 2nd ed. (2011).

ISBN: 9780749463939

Resources listed on the course outline support the achievement of learning outcomes, and may be used throughout the course to varying degrees depending on the instructor's teaching methodology and the nature of the resource.

## Student Progression and Promotion Policy

<http://www.senecacollege.ca/about/policies/student-progression-and-promotion-policy.html>

Grading Policy <http://www.senecacollege.ca/about/policies/grading-policy.html>

A+	90% to 100%
A	80% to 89%
B+	75% to 79%
B	70% to 74%
C+	65% to 69%
C	60% to 64%
D+	55% to 59%
D	50% to 54%
F	0% to 49% (Not a Pass)
OR	
EXC	Excellent
SAT	Satisfactory
UNSAT	Unsatisfactory

For further information, see a copy of the Academic Policy, available online (<http://www.senecacollege.ca/about/policies/academics-and-student-services.html>) or at Seneca's Registrar's Offices. (<https://www.senecacollege.ca/registrar.html>).

## Modes of Evaluation

Assignments are due on the dates specified. Should extenuating circumstances arise, please contact your instructor prior to the assignment due date so that an appropriate course of action can be established. Late assignments may be subject to a penalty of up to 10% per week and will not generally be accepted beyond two weeks from the due date.

In cases of cheating or plagiarism, the College Academic Policy will prevail. Please ensure that all assignments and reports are properly documented.

Students are referred to the following website for Seneca College Library style guides, Academic Honesty Policy and Copyright guidelines:

<http://senecacollege.ca/library>

Dates for evaluations are specified in the weekly schedule addendum to this outline. The evaluation process may include, but is not limited to, tests, exams, assignments or presentations. Any absences or missed submissions due to medical or other reasons must be supported by medical or other appropriate documentation within one (1) week of the due date. The faculty and program area must be notified immediately in the event of a missed evaluation. Upon acceptance of the documentation, the weighting of the missed deliverable will normally be applied to the final exam.

## English Competency

The ability to communicate effectively is essential for success in business. Therefore, you must demonstrate English competency in this subject in both oral and written work. Ensure your written work includes correct sentence structure, spelling and punctuation. Always spell check, edit and proofread your work.

Grading is based on the following marking scheme:

Online Delivery:

Assignments	30%
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Major Project	40%
Final Exam	30%
<b>Total</b>	<b>100%</b>

Approved by: John Wong<sup>1</sup>, Danielle Mercier  
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Seneca College of Applied Arts and Technology