

**COURSE NAME:** SCM110 Supply Chain Administration

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Credit Value: 3  
Total Course Hours: 42  
Prerequisite Course(s): None  
Corequisite Course(s): None

## COURSE DESCRIPTION

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SCM110 Supply Chain Administration answers the question: "What is a supply chain?" This course examines the core concepts and techniques across the supply chain. This includes the examination of the connections between strategic objectives, stakeholder expectations, and process management. It also explores the planning and inventory components of the supply chain.

## PLAR INFORMATION

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This course is eligible for Prior Learning Assessment and Recognition. Students are advised to discuss options with their program coordinator.

## COURSE LEARNING OUTCOMES

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Upon completion of this course, the student will have reliably demonstrated the ability to:

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| <p>1.0 Describe key concepts in supply chain management and how they align with an organization's competitive strategy.</p> <ul style="list-style-type: none"><li>1.1 Define supply chain and supply chain management.</li><li>1.2 Differentiate between the different parts of the supply chain.</li><li>1.3 Explain how companies make decisions in the supply chain.</li><li>1.4 Discuss performance measurements used along the supply chain to ensure the supply chain is functioning at its optimal level.</li><li>1.5 Critique the ability of a select company's supply chain management's strategy to effectively meet customer needs and/or supply chain mandate.</li></ul> <p>2.0 Explain how organizations plan and coordinate demand and supply in a supply chain.</p> <ul style="list-style-type: none"><li>2.1 Describe the importance of demand forecasting and the forecasting techniques used within the supply chain.</li><li>2.2 Delineate an Enterprise Resource planning system advantages and disadvantages when applied to the supply chain.</li></ul> <p>3.0 Apply inventory strategies to support operational requirements.</p> | <ul style="list-style-type: none"><li>3.1 Define and differentiate between inventory strategies such as, but not limited to: vendor-managed inventory (VMI), just-in time (JIT), economic order quantity (EOQ), and Kanban.</li><li>3.2 Apply effective inventory management strategies to support operational requirements in case study.</li><li>3.3 Explain the connection between the uncertainty of demand and the chain to inventory.</li><li>3.4 Identify and describe the various costs associated with managing an inventory system and their relationship to product price.</li><li>3.5 Describe the concept of lead time and its impact on decision-making.</li><li>3.6 Discuss and compare the major elements of lean and Six Sigma.</li></ul> <p>4.0 Describe the importance of supply chain integration to ensure customer satisfaction with a product or service.</p> <ul style="list-style-type: none"><li>4.1 Identify the key tools and components of customer relationship management and their application in supply chain management.</li><li>4.2 Differentiate between and implement customer value measurements for a select purpose or reason.</li><li>4.3 Describe the relationship between</li></ul> |
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information technology and how it relates to customer value.

## GENERAL EDUCATION

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This is not a General Education course.

## PROGRAM OUTCOMES

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This course contributes to the following Ministry of Colleges and Universities approved program learning outcomes (PLO):

### Supply Chain Management - Logistics

1. Examine the connections between strategic objectives, stakeholder expectations, and supply chain design, functions, processes and roles, to guide decision-making, problem-solving and coordination of tasks.
2. Determine the value added and financial implications of supply chain decisions and design on overall business profitability, efficiency and stakeholder satisfaction.
5. Contribute to the acquisition and sale of goods, services and materials in accordance with best practices and public and private sector stakeholder expectations across a variety of industries.
6. Contribute to the strategic planning and scheduling of material requirements, resource allocation and inventory for efficient production and fulfillment of customer orders and returns.
9. Use available technologies to enhance work performance and support supply chain functions, processes, transactions and communications.
12. Develop and apply ongoing strategies for personal, career and professional development.

## ESSENTIAL EMPLOYABILITY SKILLS OUTCOMES

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This course contributes to the following Ministry of Colleges and Universities approved essential employability skills (EES) outcomes:

1. Communicate clearly, concisely, and correctly in the written, spoken, and visual form that fulfils the purpose and meets the needs of the audience.
2. Respond to written, spoken, or visual messages in a manner that ensures effective communication
5. Use a variety of thinking skills to anticipate and solve problems
6. Locate, select, organize, and document information using appropriate technology and information systems.
7. Analyse, evaluate, and apply relevant information from a variety of sources.
9. Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals.
11. Take responsibility for one's own actions, decisions, and consequences.

## EXTERNAL COURSE ACCREDITATIONS AND CONDITIONS

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None

## COURSE EVALUATION

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Assignments and Exercises 40%

Quizzes 20%

Discussion Questions 20%

Case Studies 20%

## PROGRAM SPECIFIC GRADING

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Per College grading system.

### GRADING SYSTEM

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A+:	90-100%	B+:	77-79%	C+:	65-69%	D:	50-54%	S - Satisfactory
A:	85-89%	B:	73-76%	C:	60-64%	F:	0-49%	I - Incomplete
A-:	80-84%	B-:	70-72%	D+:	55-59%			F- Repeat Course, included in GPA
								FS- Failure Supplemental
								FR- Repeat course, excluded from GPA

\*For a complete chart of grades and descriptions, please see the Grading Policy.

## LEARNING RESOURCES

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Other Resources:

Required: Wisner, Joel D., Keah-Choon, Tan, & G. Keong Leong. Principles of Supply Chain Management: A Balanced Approach. USA: Cengage, 2016. Print or eText.

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.

## LEARNING ACTIVITIES

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Assignments, exercises, discussion questions, case studies.

## DELIVERY MODE

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This course may be delivered, in whole or in part, in a number of modalities, including in class, online, hybrid, in a synchronous or asynchronous manner or a combination thereof, as per accreditation and/or regulatory standards where appropriate.

## ACADEMIC POLICIES

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Canadore College is committed to the highest standards of academic integrity, and expects students to adhere to these standards as part of the learning process in all environments. The College's Academic Integrity policy seeks to ensure that all students understand their rights and responsibilities in upholding academic integrity and that students receive an accurate and fair assessment of their work. Please review the Academic Integrity policy (A-18) and other academic policies found on our website: <https://www.canadorecollege.ca/about/policies>.

## COLLEGE POLICIES

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- Protecting human rights in support of a respectful college community

For college policies please see: <http://www.canadorecollege.ca/about-us/college-policies>.

## STUDENT SUCCESS SERVICES - Your Success Matters!

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Student Success Services provides student-focused services to facilitate students' success in their studies. Staff provide support by reducing and/or removing educational-related barriers through individualized accommodations and supports to students with disabilities.

Please visit our webpage to learn more: <https://www.canadorecollege.ca/support/student-success-services> or look for our events on social media.

To connect with Student Success Services email [studentsuccessnow@canadorecollege.ca](mailto:studentsuccessnow@canadorecollege.ca) or call 705.474.7600 ext 5205.

## FIRST PEOPLES' CENTRE:

A culturally safe environment offering CONFIDENTIAL student focused services, drop in or make an appointment to access:

- One on one counselling
- Elder in residence program
- Peer tutoring
- Peer mentorship
- Lunch & learn workshops on study skills, self-care, life skills
- Learning Resource Centre

Drop by our offices at C254 College Drive, E101 Commerce Court or call 705 474 7600 Ext. 5961 College Drive / 5647 Commerce Court.

<https://www.canadorecollege.ca/experience/indigenous-student-experience>

## **WAIVER OF RESPONSIBILITY**

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Every attempt is made to ensure the accuracy of this information as of the date of publication. The college reserves the right to modify, change, add, or delete content.

## **HISTORICAL COURSE OUTLINES**

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Students use course outlines to support their learning. Students are responsible for retaining course outlines for future use in applications for transfer of credit to other educational institutions.