



Certificate in Supply Chain Management and Logistics

The Supply Chain Management and Logistics Profession Provides a Broad Range of Career Opportunities

Today's highly competitive global marketplace makes it imperative that goods between supplier and consumer move in the most effective and efficient manner. Logistics and supply chain management are key elements in the ability of countries and companies to compete successfully in world markets.

Logistics covers the planning, operation and control of all activities concerned with the flow of raw materials, in-process inventory and finished goods across the supply chain. Transportation is often the most significant element in a logistics system but other activities such as inventory management, purchasing, warehousing, packaging, materials handling, order processing and customer service can also play important roles.

The demand for highly trained personnel in the supply chain management and logistics fields has never been greater. Exciting career opportunities exist within the supply chain management industry and the broader logistics field for new entrants and for managers and professionals who wish to advance into higher management level positions.

Careers in supply chain management and logistics are available in a wide range of activities including:

- Management and control of the logistics function among manufacturers, wholesalers and retailers for the distribution of goods and services
- Management of information systems and technology within supply chain networks
- Transportation services provided by railways, trucking companies, airlines and marine carriers
- Third party logistics including freight forwarding and brokering
- International trade and the global sourcing of products and services

How can a McGill Program prepare you for a Career in the Supply Chain Management and Logistics Profession?

The supply chain sector offers interesting, diverse work opportunities in several areas, such as production management, logistics management, management of information systems, warehousing, transportation, inventory/material control, purchasing and sales management. Employers range from manufacturers and retailers to transportation companies, third-party logistics firms, government agencies and consulting firms.

Designations from Association for Operations Management (APICS)

The program will provide students with a strong background in manufacturing supply chain environments and will lead them towards a Certified Production Inventory Management (CPIM) or Certified Supply Chain Professional (CSCP) designation offered by the Association for Operations Management (APICS), provided that the students pass the APICS examination requirements for the corresponding designation. Please note that students wishing to complete the requirements for APICS are strongly recommended to contact the association (www.apicsmontreal.org), as soon as possible, to obtain additional information on the exam and professional designation requirements.

Supply Chain Management Professional (SCMP) designation

The Supply Chain Management Professional (SCMP) designation from Supply Chain Canada (www.supplychaincanada.com) is one of the most sought-after professional designation for those entering the supply chain profession and advancing as leaders in supply chain.

Supply Chain Canada provides an efficient path for graduates of the “Certificate in Supply Chain Management and Logistics” program, who achieve a grade of 70% or higher completed within the last five (5) years, to advanced standing towards the following SCMP academic program components:

- Module 1 – Supply Chain Management
- Module 2 – Procurement and Supply Management
- Module 3: Logistics and Transportation
- Module 4: Operations and Process Management
- Workshop 3 – Communications and Relational Skills
- Workshop 5 – Risk Management

To earn the SCMP designation, these candidates must meet the prescribed entry requirements and successfully complete the following academic program requirements:

- Module 5 – Knowledge Management
- Module 6 – Global Sourcing
- Module 7: Supply Chain Management for the Public Sector
- Module 8: Supply Chain Management for Services, Capital Goods and Major Projects
- Workshop 1 – Leadership and Professionalism (Fall 2020)
- Workshop 2 – Negotiation Skills
- Workshop 4: Competitive Bidding, Contract Preparation and Contract Management
- Workshop 6 – Ethical Behaviour and Social Responsibility

In addition to the academic requirements, candidates must also successfully complete SCMP Leadership Residency and the Final Examination. All SCMP candidates must also satisfy the three (3)-year work experience requirements (e.g. employment, internships and co-op placements).

Upon acceptance into the designation program, candidates can immediately begin using the post-nominal SCMP^(candidate) to demonstrate their commitment to continuous professional development and the delivery of supply chain excellence.

Canadian Institute of Traffic and Transportation (CITT) designation

The “Certificate in Supply Chain Management and Logistics” program will provide students with a strong background in companies’ supply chain, distribution and logistics functions and will lead them towards a Canadian Institute of Traffic and Transportation (CITT) designation provided that CITT’s other requirements are satisfied.

After graduating from the "Certificate in Supply Chain Management and Logistics" program, students who are interested to obtain the CITT-Certified Logistics Professional (CCLP) designation should contact CITT (www.citt.ca) immediately, and also would need to complete the following five courses:

Three required courses offered by CITT:

- Transportation Systems
- Logistics Processes
- Integrated Logistics

Two complementary courses to be chosen from the following courses offered by McGill School of Continuing Studies:

- CACC 220 Accounting Concepts for Managers
- CCOM 205 Communication in Management 1
- CFIN 300 Fundamentals of Financial Markets and Institutions
- CMRK 200 Fundamentals of Marketing
- CORG 225 Foundation of Organizational Behaviour and Administration
- CPAG 410 Strategic Planning and Implementation

The Program

The Certificate in Supply Chain Management and Logistics is a 30-credit program which consists of one co-requisite course and ten required courses*.

Note: Co-requisite courses are not included in the total credit requirement for the program.

All courses are 3 credits unless otherwise stated.

The certificate's program requirements are:

Co-requisite:

CMSC 000 Foundations of Mathematics (or the Exemption by Examination Test¹)

10 Required courses (30 credits):

CCLW 205	Introduction to Business Law
CTPT 200	Introduction to Supply Chain Management
CTPT 201	Sourcing
CTPT 202	Production and Inventory Planning and Control 1
CTPT 206	Transportation Management and Economics
CTPT 208	Fundamentals of Logistics
CTPT 310	Production and Inventory Planning and Control 2
CTPT 311	Supply Chain Risk Management
CTPT 410	International Trade and Logistics
CTPT 430	Fundamentals of Integrated Business Systems

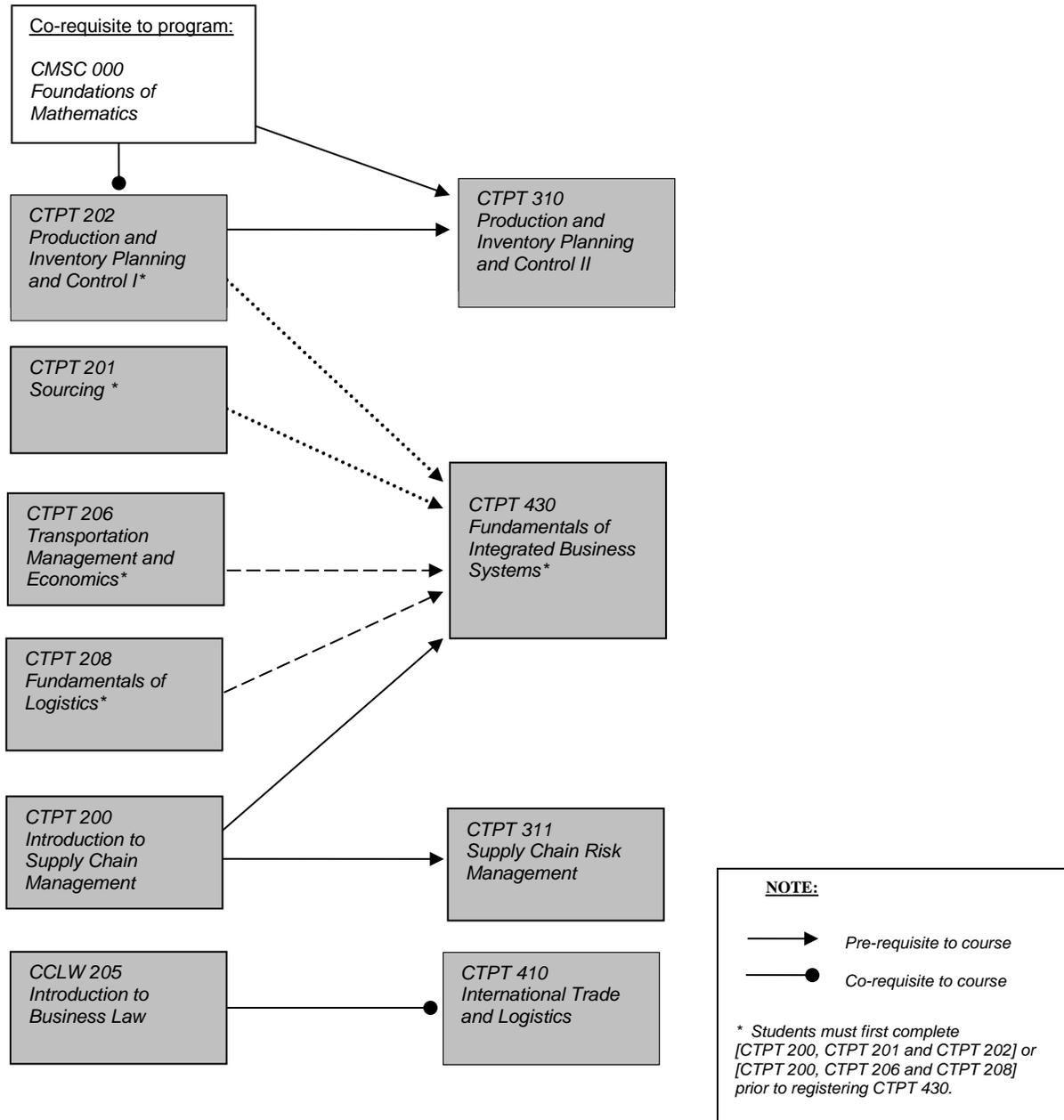
* Classes in this program are delivered in a variety of formats. This may include in-class, off-campus and online components. Class schedules and attendance requirements may vary from one course to another. Courses can be taken in the Fall, Winter, Spring and Summer sessions. **Not all courses are offered every semester.**

¹ For more information on how to obtain course exemption by the means of a challenge exam, please consult the Exemption by Examination form available on our website at:

<http://www.mcgill.ca/continuingstudies/current-students/student-services-and-resources/forms>

Course Sequence

Certificate in Supply Chain Management and Logistics



Course Descriptions

CCLW 205 Introduction to Business Law

(3 credits)

Pre-requisite: None

An examination of legal concepts that may influence business operations. The fundamentals of Civil and Common Law; the principles of contract law; specific contracts like sale, consumer protection, mandate, lease, and employment; civil and professional liability; debtor - creditor relations and bankruptcy; tort and negligence; ethics and professional conduct are some of the topics to be covered along with court judgments.

CMSC 000 Foundations of Mathematics

(3 credits)

Pre-requisite: None

First-degree equations and applied word problems, polynomials, factoring, fractions, exponents, roots and radicals, inequalities, quadratic equations and functions, composite and inverse functions, arithmetic and geometric sequences and series.

Please note that the minimum grade of 65 is required to successfully complete this course. Any grade below 65 is considered to be a failure.

CTPT 200 Introduction to Supply Chain Management

(3 credits)

Pre-requisite: None

This course provides an overall perspective of various functions that exist within supply chains; macro processes and drivers as well as performance indicators along a supply chain are emphasized. Coordination issues are dealt with using a simulation game involving various supply chain stakeholders.

CTPT 201 Sourcing

(3 credits)

Pre-requisite: None

This course is a comprehensive review of sourcing, an important area of supply chain management. It covers four major components of sourcing: the in-house or outsource decisions, the supplier selection and evaluation processes, contract management and procurement processes. Case studies are used to illustrate implementation issues in sourcing.

CTPT 202 Production and Inventory Planning and Control 1

(3 credits)

Co-requisite: CMSC 000 Foundations of Mathematics

This course emphasizes contemporary operational issues and techniques in manufacturing and service sectors. Topics include: production and service processes, lean manufacturing methods, total quality management, project management, supply and demand planning. Real-life examples and case studies are an integral part of the course.

CTPT 206 Transportation Management and Economics

(3 credits)

Pre-requisite: None

This course focuses on freight transportation, with emphasis on trucking, rail and marine modes including intermodal. Furthermore, it focuses on management of the transportation function from a carrier perspective, including a basic understanding of the structure and regulation of the transportation industry and analysis of specific case examples.

CTPT 208 Fundamentals of Logistics**(3 credits)**

Pre-requisite: None

This course addresses the infrastructure required to support logistics activities and the flow of goods and information, including: traffic and transportation, warehousing, materials handling, inventory concepts, Logistics Information Systems, performance indicators, customer service and order processing.

CTPT 310 Production and Inventory Planning and Control 2**(3 credits)**

Pre-requisite: CMSC 000 and CTPT 202

This course focuses on the study of material flow processes by which products are created and delivered to customers. Topics include: aggregate planning, master scheduling, material requirements planning, capacity management, production activity control and inventory control. Computer-aided quantitative tools for decision-making and case analyses are used in the course.

CTPT 311 Supply Chain Risk Management**(3 credits)**

Pre-requisite: CTPT 200

This course focuses on the use of available risk management techniques to deal with uncertainty in supply chains, covering issues such as identification of risks, analysis of risks, responding to risks including risk control and risk financing methods, operational and financial hedging and creating resilient supply chains.

CTPT 410 International Trade and Logistics**(3 credits)**

Co-requisite: CCLW 206

Fundamentals required to successfully bring goods to market on a global scale, primarily focusing on logistics trade environment, obstacles and documentation required in international trade, with a focus on parties involved in import/export, legislative and liability, terms of trade, international cargo/cargo security and commercial documentation.

CTPT 430 Fundamentals of Integrated Business Systems**(3 credits)**

Pre-requisites: [CTPT 200 and CTPT 201 and CTPT 202] or [CTPT 200 and CTPT 206 and CTPT 208]

This course examines supply chain information systems in the context of enterprise resource planning (ERP) systems with applications in the manufacturing, retailing and distribution services sectors. Core business processes and transactions pertaining to supply chain management are identified and discussed in terms of relevant ERP modules.

Admission Requirements

To be admitted to an Undergraduate Certificate in Supply Chain Management and Logistics:

- Applicants must hold a CEGEP diploma (DCS, DEC or equivalent) OR
- Applicants who do not have the normal academic background for admission but are 21 years of age and older may be admitted as mature students OR
- Applicants between 18 and 21 years of age who do not have a CEGEP diploma but have at least a high school leaving certificate may be accepted into a qualifying program (a copy of the certificate must be provided).

Admission Procedures

STEP 1: PREPARE

1. Choose the program (certificate, diploma, graduate certificate, or graduate diploma) you would like to apply to.
2. Verify the **Application Deadlines** to ensure that you submit your application in time.
3. Ensure you have a valid email address and credit card on hand to pay for the application fee (Visa, Master Card or America Express).
4. From the **list of programs**, click on the program you would like to apply to.
5. Review the admission requirements for the program to ensure you meet the criteria.
6. Ensure you have all necessary documentations required for your application as indicated in the “Documents Required” section.

STEP 2: APPLY

1. Click “Apply Now” at the top of the program page or go to <https://mcgill.ca/x/4Um> and click “Apply Now”.
2. If you have a Login ID and PIN, enter them now, or if not, create one and log in.
3. Click on “Begin New”.
4. Enter the information requested and click “Continue”.
5. When asked, “What are you applying for at McGill?”, click on “Continuing Studies”.
6. On the next page, select the program you would like to apply to.
7. Complete the rest of the application with all required information and submit.
8. You will receive a confirmation email providing you with a McGill ID number and a PIN. Within 24-48 hours, you will be able to log in to **Minerva** (www.mcgill.ca/minerva).

STEP 3: UPLOAD SUPPORTING DOCUMENTS

Once you have access to Minerva, upload your supporting documentation as per the admission requirements of your chosen program.

- Uploading your documents will speed up your application process and is strongly recommended.
- For instructions on how to proceed, please go to: <https://mcgill.ca/continuingstudies/legal-documents>.

(If you are unable to upload the documents, you can send them by regular mail or bring them in person to our Client Services office at the address below).

- **Sending official transcripts: All transcripts received via the upload process are considered unofficial.** If transcripts are required for your application, you will also need to have any official transcripts sent directly to McGill University by mail, in a sealed envelope by the educational institution(s) where you studied.

STEP 4: VERIFY ADMISSION STATUS

Once a decision has been made, admitted students will receive a “Letter of Admission” along with registration instructions.

Difficulty Applying Online?

If you have any problems with your online application, or if you have questions regarding admission requirement and procedures, contact Client Services (<https://www.mcgill.ca/continuingstudies/client-services>).

Helpful Tips for Applying

What is an Official Transcript?

If you have studied at an institution:

- In Canada or the United States – you will need to request a copy of your official transcripts (your marks) from that institution which the institution will mail to the address below in a sealed envelope with the official institution’s logo.
 - Outside of Canada or the United States, - you will need to request a copy of your official transcripts (your marks) from that institution which the institution will mail to the address below in a sealed envelope with the official institution’s logo.
 - **Note:** In cases where the language of instruction at the institution is not English or French, you must also send an official translation of the official transcript certified by a representative from the **Ordre des traducteurs, terminologues et interprètes agréés du Québec (OTTIAQ - <http://ottiaq.org/>)**.
- You need to request **official transcripts** as soon as possible once your application has been submitted to the School of Continuing Studies. Your Educational Institution must then mail these directly to the appropriate office below:

Client Services c/o Admissions

McGill University – School of Continuing Studies
688 Sherbrooke Street West, Room 1125
Montreal, QC H3A 3R1
Canada

- **Important:** You must make sure you apply by the application deadline. However, if you have any outstanding supporting documents at the time of your application, you may upload them as they become available or forward them directly to the School of Continuing Studies as soon as possible. Your admission application will only be completed once the University has received all of the required documents.
- **Note:** All required documents received by McGill University’s School of Continuing Studies become the property of the university. Official documents and/or transcripts will not be returned to the applicant.
- **Note:** Transcripts received by McGill University’s School of Continuing Studies cannot be transferred to any other department or program as it would constitute submitting a new application. Therefore, you must submit a new sealed envelope of your official transcripts for each application made to McGill University’s School of Continuing Studies.

Language Requirements

- The **language of instruction** for most courses and programs at McGill University is English; however, students may submit any written work that is to be graded in English or French, except in cases where knowledge of the language is one of the objectives of the course.
- Applicants must demonstrate an adequate level of **proficiency in English prior to admission**, regardless of citizenship status or country of origin. McGill University has this language requirement in place to ensure that all students are provided with the opportunity to succeed in their chosen program.
- In all cases, the University reserves the right to require **proof of English** proficiency if it is deemed necessary. For additional information, please click on the link below.

<https://www.mcgill.ca/continuingstudies/language-policy>

Exemption by Examination

Students admitted to a Certificate, Diploma, Graduate Certificate or Graduate Diploma program requiring a pre-requisite or co-requisite course, must provide proof that they have taken and successfully passed an equivalent 3-credit course, with the requisite grade as per McGill University's requirements, at the appropriate level at another approved institution or have successfully completed the Exemption by Examination test.

- The Exemption by Examination test is **not applicable to required or complementary course(s)** within a program.
- You cannot take the Exemption by Examination test if you have already attempted the course (a grade of W is considered as have attempted the course).
- If you are unsuccessful in the Exemption by Examination test(s) you will not be permitted to repeat the test(s) and must instead enroll in the course(s) for which the particular test(s) was taken.

To be eligible to write the Exemption by Examination test, you must have applied to or been admitted into a program. (The test is optional).

For more information visit: <https://www.mcgill.ca/continuingstudies/recognition-prior-learning>

Student Awards and Financial Aid

McGill University's School of Continuing Studies Bursaries

The School of Continuing Studies will post the application form and eligibility requirements for the active term on its website. Please refer to link below for further information.

<https://www.mcgill.ca/continuingstudies/student-awards-and-financial-aid>

McGill University's School of Continuing Studies Scholarships

For a list of McGill University Scholarships, please consult McGill University's School of Continuing Studies website by clicking on the link below.

<https://www.mcgill.ca/continuingstudies/student-awards-and-financial-aid>

McGill University's School of Continuing Studies Graduating Prizes

For a list of McGill SCS Graduating Prizes, please consult McGill University's School of Continuing Studies website by clicking on the link below.

<https://www.mcgill.ca/continuingstudies/graduating-students>

Aide financière aux études (AFE)

As a credit-bearing program, this program is eligible for financial aid through the Quebec Government.

<https://www.quebec.ca/education/aide-financiere-aux-etudes/>

Note: The amount and number of McGill University's School of Continuing Studies Bursaries, Scholarships, and Graduating Prizes issued varies from year to year, depending on funds received and their specifications.

Contact

McGill University
School of Continuing Studies

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Montreal, QC, H3A 3R1

Program information

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