

BUSINESS - SUPPLY CHAIN & OPERATIONS (SCO)

About the Program

The Business – Supply Chain & Operations program will prepare you to meet rising industry demand for professionals who can manage risk, streamline operations and navigate global supply chain challenges in complex, tech-driven environments.

This program connects core concepts with real-world applications, providing you with hands-on experience. You will be trained in supply chain logistics, transportation, procurement, inventory control, quality standards, production processes and more — preparing you to support and optimize operations in complex, interconnected systems. You'll also strengthen your skills in problem-solving, critical thinking, professional communication, networking and collaboration.

Experiential learning opportunities in this program include innovative capstone projects and access to in-demand tools such as enterprise resource planning (ERP) systems and generative artificial intelligence (Gen AI). You also have the opportunity to complete an optional work-integrated learning term to gain valuable industry experience.

By the time you graduate, you will be able to manage the movement of goods and services, mitigate risk, analyze operations using financial and trend data, and leverage technology to improve supply chain performance.

Credential Awarded

Ontario College Diploma

Duration

4 Semesters (2 years)

Starts

January, May, September

Program and Course Delivery

This program is offered in Seneca's flexible delivery format. Using interactive learning spaces, professors teach in person to students in a physical classroom or lab and stream to students online at the same time. In courses delivered in the flexible format, students have a choice of coming to campus for an in-person experience or learning online.

Skills

Throughout the Business – Supply Chain & Operations program, you will develop the following skills:

- Supply chain, purchasing and inventory management
- Risk and operations management
- Leadership, teamwork and project management
- Data analytics and decision-making
- Effective communication and negotiation

Optional Co-op

This program offers the option to complete a co-op work term, providing valuable hands-on experience in your field of study.

Students who select the co-op stream will have the opportunity to participate in a co-op term(s) if eligibility requirements are maintained. Students will have the flexibility to transfer to the non co-op stream at any time. The co-op term(s) is typically a full-time paid position completed between two academic semesters. The co-op search is student-driven and participation in the co-op stream does not guarantee that a work position will be secured. However, students will receive guidance and support through in-class career workshops and one-on-one coaching to help prepare for the co-op term.

Review eligibility requirements for work-integrated learning (<https://www.senecapolytechnic.ca/employers/seneca-works/work-integrated-learning/eligibility.html>)

The co-op work term can be completed in person, online or in a hybrid format, depending on the hiring organization.

If you are interested in completing a co-op work term, apply to the **Business – Supply Chain & Operations (Co-op) (SCOC)** program.

Your Career

As a graduate of this program, you may work in various industries such as manufacturing, retail, transportation and public administration. You can explore career options such as:

- Inventory analyst
- Inventory control specialist
- Inventory planner
- Logistics coordinator
- Procurement coordinator
- Production planner
- Purchasing clerk
- Supply chain specialist
- Supply chain process analyst
- Supply chain coordinator

* Work-Integrated Learning option - SCOC only

** non Work-Integrated Learning option - SCO only

Program Learning Outcomes

This Seneca program has been validated by the Credential Validation Service as an Ontario College Credential as required by the Ministry of Colleges and Universities.

As a graduate, you will be prepared to reliably demonstrate the ability to:

Admission Requirements

- Ontario Secondary School Diploma (OSSD), or equivalent, or a mature applicant (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/mature-applicants.html>)
- English: Grade 12 C or U, or equivalent course

- Mathematics: Grade 12 C or U, or Grade 11 U or M, or equivalent course

Canadian citizens and permanent residents may satisfy the English and/or mathematics requirements for this program through successful Seneca pre-admission testing. (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/mature-applicants.html>)

Recommended upgrading for applicants who do not meet academic subject requirements (<https://www.senecapolytechnic.ca/registrar/canadian-applicants/admission-requirements/upgrading-options.html>).

International Student Information

International admissions requirements vary by program and in addition to English requirements (<https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/english-requirements.html>), programs may require credits in mathematics, biology, and chemistry

at a level equivalent to Ontario's curriculum, or a postsecondary degree or diploma, equivalent to an Ontario university or college. Program-specific pre-requisite courses and credentials are listed with the admission requirements on each program page. To review the academic requirements please visit: Academic Requirements - Seneca, Toronto, Canada ([senecapolytechnic.ca](https://www.senecapolytechnic.ca)) (<https://www.senecapolytechnic.ca/international/apply/how-to-apply/admission-requirements/academic-requirements.html>).

Pathways

As a leader in academic pathways, we offer a range of options that will allow you to take your credential further in another Seneca program or a program at a partner institution.

To learn more about your eligibility, visit the Academic Pathways (<https://www.senecapolytechnic.ca/pathways.html>) web page.

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