Seneca POLYTECHNIC | SCHOOL OF COMPUTER PROGRAMMING & ANALYSIS

New Student Orientation Winter 2026

School of Computer Programming and Analysis (SCPA)

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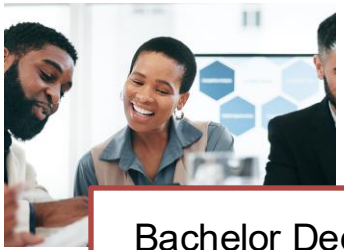
Computer Programming (CPP)

Diploma Program

Computer Programming & Analysis (CPA)

Advanced Diploma Program

Computer Science (BCMS)



Bachelor Degree

Software Development (BSD)

Honours Bachelor Degree

The SCPA Team

Dr. Nadine Ellul, Chair

Depesh Raut, Admin Assistant

Laura Ojanen, Manager Academic Programs

Computer Programmer (CPP)

PROGRAM OVERVIEW

CREDENTIAL	Ontario College Diploma
DURATION	Two years (4 semesters)
CO-OP	Can switch to 3-Year CPA work term

Some of the skills you will acquire:

- Web & Mobile development
- Distributed programming techniques
- Database administration
- Multiplatform development
- Information systems

Cameron Gray
Program Coordinator
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Samantha Villamor
Student Adviser

Computer Programmer & Analysis (CPA)

PROGRAM OVERVIEW

CREDENTIAL	Ontario College Advanced Diploma
DURATION	3 Years (6 semesters) 4 Years (8 semester with co-op)
CO-OP	Optional work term, 2 semesters

Some of the skills you will acquire:

- Web & Mobile development
- Distributed programming techniques
- Database administration
- Multiplatform development
- Information systems
- Software engineering principles

Catherine Leung
Program Coordinator
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Diana Samuel-De Roche
Student Adviser

Bachelor of Computer Science (BCMS)

PROGRAM OVERVIEW

CREDENTIAL	Bachelor Degree
DURATION	6 Semesters (3 Years)
CO-OP	One mandatory work term

Some of the skills you will acquire:

- Software development
- Cloud computing
- Diversity, Equity, Inclusion, & Accessibility (DEIA)
- Cybersecurity
- Human centered design

Asma Paracha
Program Coordinator

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Shani Kanagasundaram
Student Adviser

Honours Bach. of Tech. - Software Development (BSD)

PROGRAM OVERVIEW

CREDENTIAL	Honours Bachelor of Technology – Software Development
DURATION	4 Years (full time)
CO-OP	2 mandatory work terms

Some of the skills you will acquire:

- **Programming**
  - Core programming / Web programming / UI/UX design
- **Systems**
  - Systems analysis / Database design / Project management

Eden Burton
Program Coordinator
eden.burton@senecapolytechnic.ca

Samantha Villamor
Student Adviser

Where to Get Information

School of Computer Programming & Analysis (SCPA) Website

https://students.senecapolytechnic.ca/spaces/281/school-of-computer-programming-analysis/home

Student Advising Website

https://students.senecapolytechnic.ca/spaces/47/student-advising/home

Student Advising

Your student advisers are here to help you as you progress through your program. Please contact us by creating a support case through The Service Hub as we do not receive your direct emails.

We will assist you in many areas of your academic experience and sometimes that means pointing you toward the resources that specialize in your area of need.

Virtual meetings can be booked through your Student Home.

Platform used – Cisco Webex

In-person meetings can be arranged at the Newnham campus in **The Service Hub** however please reach out to confirm in-person schedule.

Other Places to Get Assistance - Services

You can also get assistance through Personal Counselling & Accessible Learning Services within Ontario and the keep.mesafe program outside of Canada.

Be sure to check the Student Services and Support website for both Support Services and Student Life information.
Link: https://www.senecapolytechnic.ca/student-services-and-support.html

The Seneca Learning Centre provides learning services such as 1:1 tutoring and the Supported Learning Groups.
Link: https://library.senecapolytechnic.ca/learningcentre

Seneca Learning Centres

Seneca Learning Centres provide learning support in a variety of ways to help you succeed in your courses.

- The Learning Centres help students improve their learning skills and better understand course content..
- These services are **free for students**, as they are included in tuition fees.

Learning Centre Website

https://students.senecapolytechnic.ca/spaces/118/learning-centres/home

Learning Centre Services

One-to-one and group tutoring for specific courses*, English and writing, and computer support.

One-to-one learning skills coaching, including time management, note-taking, test preparation, and other topics.

Supported Learning Groups (SLG) for 1st-term Business and Engineering, and Computer Programming courses.

Drop-ins for math support and **Workshops** focusing on learning skills, English language, and math skills.

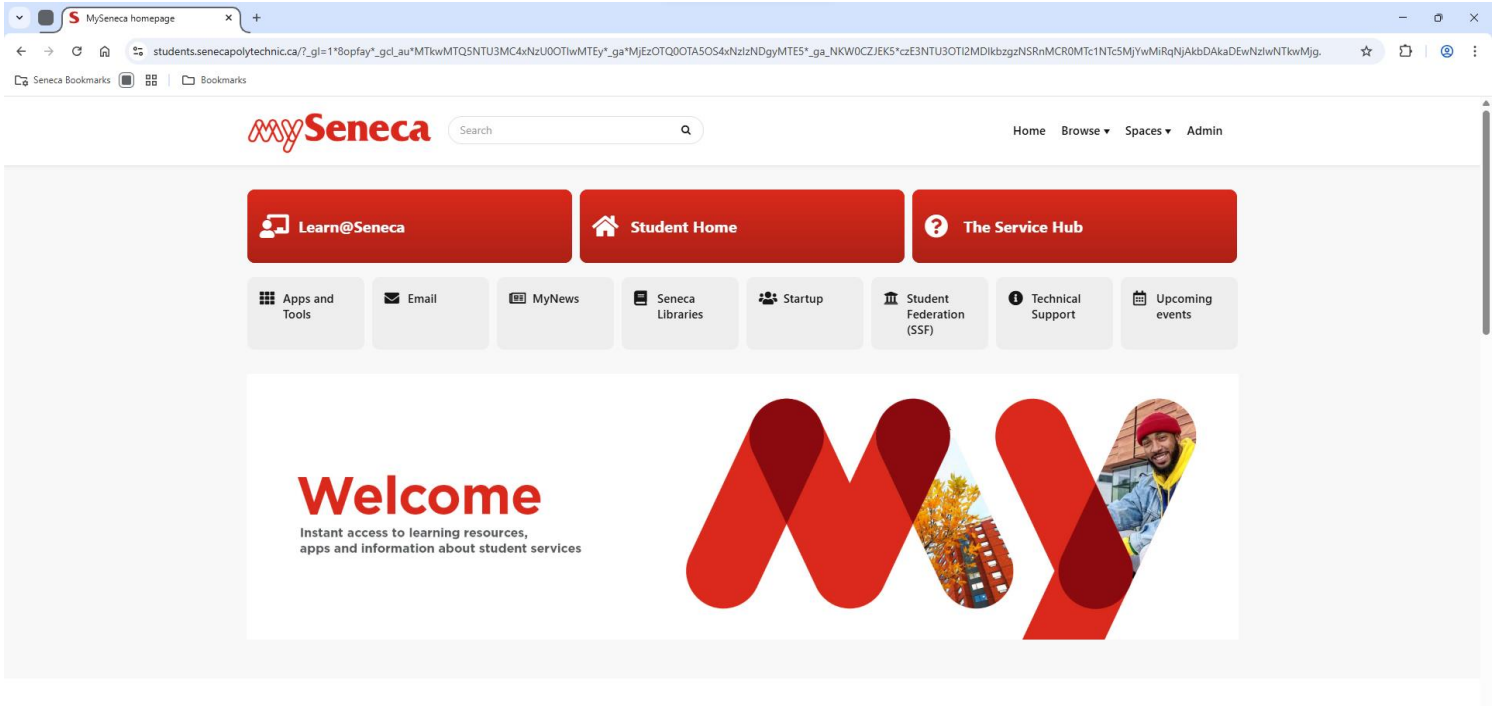
Tip Sheets for self-study of different learning skills, English language, and math skills.

Learning Centre Locations

Physical Locations	Hours of Operation
King Learning Centre (MH1070)	Monday - Friday, 9 a.m. to 5 p.m.
Newnham Learning Centre (B2100)	Monday - Friday, 9 a.m. to 5 p.m.
York Learning Centre (S1120)	Monday - Friday, 9 a.m. to 5 p.m.

Student Home vs. Blackboard (Learn@Seneca)

MySeneca Homepage



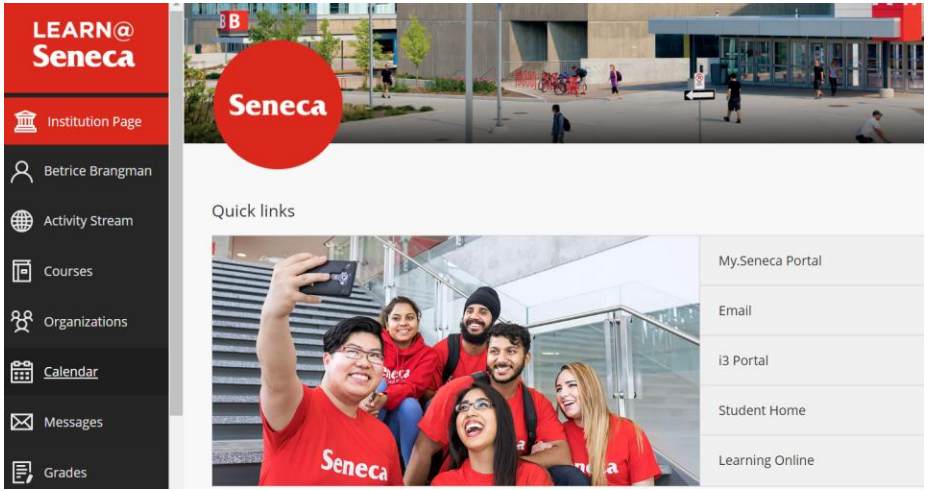
When to use Student Home

- Check academic progress.
- Check final grades and advising comments.
- Check for outstanding fees.
- Check your timetable and manage classes.
- Find your student ID number (profile).

1. **Admissions**
   Includes application status, admission requirements, alternative program offers
   Learn more about admissions.
2. **Academic Progress**
   Includes your progress summary, graduation requirements, advisers
   Learn more about academic progress.
3. **Academic Records**
   Includes your course history, grades, transcript, graduation status
   Learn more about academic records.
4. **Financial Account**
   Includes your balance, payment history, tax receipt
   Learn more about financial account.
5. **Manage Classes**
   Includes your class schedule, adding and dropping courses
   Learn more about manage classes.
6. **Profile**
   Includes your mailing address, phone numbers, email
   Learn more about profile.
7. **Financial Aid**
   Includes award applications and status
   Learn more about financial aid.
8. **Information & Links**
   Includes announcements, tasks, communications, resources
   Learn more about information & links.

When to use Blackboard/Learn@Seneca

- To **access all course**-related materials
- To **submit assignments** and coursework
- To check assignment **due dates** and course information.
- To **monitor your progress**.
- To check your activity stream for key updates like due dates, **announcements** and **course information changes**.



Work Integrated Learning (WIL) – CPA(C)

Both CPA and CPP students can apply to co-op in semesters 2, 3, or 4. You need to maintain an overall Program GPA minimum of 3.0 and be in good academic standing.

CPAC – direct entry program will need to maintain an overall Program GPA minimum of 3.0 to remain in the co-op program.

Coop/WIL has two terms and CPP students will be automatically transferred into the CPA program.

These requirements can be found at
https://www.senecapolytechnic.ca/employers/seneca-works/work-integrated-learning/eligibility.html

Mary Saith
WIL Coordinator,
CPP/CPA/CPAC
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Work Integrated Learning (WIL) - BCMS

- **Mandatory Work Term**:
  Students must complete **one mandatory work term**, lasting **4 months**.

- **Academic Requirements**:
  To be eligible for work terms, students must:
  - Maintain a **minimum overall Program GPA of 2.5**
  - Be in **good academic standing**

Samantha Fracassa
WIL Coordinator, BCMS
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Work Integrated Learning - Mandatory

- BCMS Course Sequencing

Fall 2025	Winter 2026	Fall 2026
Semester 1	Semester 2	Semester 3
Winter 2027	**Summer 2027**	**Fall 2027**
Semester 4		Semester 5 (WTP200) (Seeking)
Winter 2028	**Summer 2028**	
Mandatory Work Term	Semester 6	

WIL Success Strategies

Securing a co-op/work term is a very competitive process.

Employers love extra curriculars on your resume; volunteer, participate in Hackathons, contribute to projects on Leetcode (www.leetcode.com) or HackerNest (www.hackernest.com)

Students are also strongly encouraged to conduct an independent/external job search as well. If you have worked within the industry in the past, a **PLAR** (Prior Learning Assessment and Recognition Policy) option may be available for you.

Academic Integrity (AI)

Violation of the academic integrity (AI) policy is serious

What happens if you breach the policy?

1. Your professor will file an AI report that explains the breach.
2. The report will include a response form for you (the student) to complete.
3. You have 5 business days to complete and return the response form.
4. The response form is your opportunity to explain your response to the AI incident and should include supporting documentation.

It is your responsibility to read the Academic Integrity Policy.

Share ideas for understanding the problem, not the answers or code!

Talk all you want, don't copy or share files

Academic Integrity (AI) – con't

If you are found to be in violation of the AI policy:

First Offense: **Academic Warning** or **First Offense** is placed in your student records which will show in your Student Centre. Academic Sanctions will be applied depending on nature of the AI policy violation

Further violations may result in increased penalties such as: an **F (failure) grade in the course.**

Suspension for 1 or more semesters. **Expulsion** from Seneca

Complete the **Integrity In Action** and **Plagiarism & Citation** **Badges** to fully understand AI policy.

Important Academic Dates

Jan. 05, 2026	**Winter 2026 Term begins: classes begin and tuition due**
Jan. 14, 2026	Last day to add course(s)
Jan. 16, 2026	Last day to drop course(s) without receiving a grade and with a potential refund
Jan. 21, 2026	Late tuition payment for Winter 2026 Term with financial penalty
Feb. 16, 2026	Family Day— holiday (Seneca closed)
Feb. 23, 2026 to Feb. 27, 2026	Study Week (Seneca Open)
March 04, 2026	Second Late tuition payment for Winter 2026 Term with financial penalty
March 13, 2026	Last day to drop course(s) and receive a DNC (Did Not Complete) grade
April 03, 2026	Good Friday- holiday (Seneca closed)
April 17, 2026	Winter 2026 Term ends
April 24, 2026	Final grades for Winter 2026 Term available on Student Home

Things to keep in mind

- Academic Policy
- Counselling and Accessibilities office
- Fees
- Financial Aid (OSAP)
- Forms
- Important Academic Dates
- International Student Services
- Learning Centre
- Pathways to University
- Registration
- Student Help Desk (IT support)
- Student Home
- Transfer Credits

Visual Schedule Builder (VSB) is not your timetable.

Your smartphone calendar is for due dates, test dates, and other course deliverables

DO NOT TRUST Blackboard's Activity Stream to run your life.

Regularly check your Seneca email.

Keep an eye on the important academic dates calendar.

Use the links on the left to access important information you will need during your program.

As soon as you start to believe there is a concern, contact your student adviser. Don’t wait to get help.