Confederation COLLEGE

Computer Programming
2025-26 Program Handbook

Computer Programming Program Handbook

Table of Contents

Coordinator Welcome

Welcome to Confederation College and the Computer Programming Program.

Program Overview:

We have developed this program so that those who have never programmed before, will graduate alongside those who already have a beginning foundation in the field.

This generalist program provides a broad foundation across multiple areas of study ranging from desktop application development to data management, from requirements gathering to system design, from website development to networks and security, and many other subjects in between.

Success in this dynamic and multifaceted field requires active engagement: attend classes regularly, participate in discussions both in class and with peers, and complete all assignments and labs on time. By staying focused and actively engaging with the material, you will not only learn how to program, but also develop the ability to critically evaluate problems, deconstruct them, and build thoughtful, effective solutions.

This two-year program serves as an excellent launchpad for your future—whether you choose to continue your studies in this ever-evolving field or step directly into the world of internet technologies, business systems, data management, or application development.

We look forward to helping you achieve your career goals!

Daniel Kaukinen

Coordinator, Computer Programming

Coordinator Contact Information

Daniel Kaukinen

Office: McIntyre Building, Room 264

Tel: (807) 473-3728

Email: dkaukine@confederationc.on.ca

1. Introduction

We want you to be successful in this program. You have chosen it for good reason, and we are excited to work with you to help you succeed.

We designed this handbook to help you understand the expectations of this program, the policies of the college, and the resources available to you.

We work hard to make sure the information in this handbook is accurate. If any changes occur through this school year, you will be notified by email. Be sure to check that you are reading the handbook for the year we are in.

This handbook is specific to your program, but there are other general college policies that you also need to be familiar with.

These can be found

- On the [College website](#)
- In the [New Student Guidebook](#)
- In the [SUCCI Student Handbook](#)

The SUCCI Student Handbook provides details regarding Student Services, Safety and Security, Student Rights and Responsibilities and more.

It is the responsibility of each student to review and comply with the content in this handbook.

If there are any questions or concerns regarding the content in this handbook, please contact:

Program Coordinator: Daniel Kaukinen

Email address: dkaukine@confederationcollege.ca

Student Success Advisor: Ashley Hancharik

Email address: ahancha1@confederationc.on.ca

We wish you all the best in your studies!

2. Program Credential and Courses

[Computer Programming](#) (link to webpage)

Explanation of credential and courses.

2-year Ontario College Diploma Program

The standard sequence of courses for Computer Programming are as follows:

Semester 1			Semester 2	
CP 150	Operating Systems		CP 220	OOP with Net
CP 160	Web Programming & Design		CP 240	Advanced Web Applications
CP 180	Introduction to Databases		CP 260	User Experience Theory
CP 190	Programming Fundamentals		CP 270	Advanced Database Design & SQL
CS 050	College Writing		CP 280	Req Analysis and Process Modelling
	Elective		CS 219	Communications for Technology
	Elective		MA115	Applied Math for Technology 1
* There is an **optional Co-op Placement** between semesters 2 and 3 (spring/summer)				

Semester 3			Semester 4	
CP 330	Design Patterns and Testing		CP 430	Mobile Computing
CP 335	Object Oriented Analysis and Design		CP 435	Computer Networks
CP 345	OOP with JAVA		CP 440	Major Project
CP 355	Project Management		CP 445	Data Specialization
CP 380	ASP.NET		CP 455	Ethics and Law
CP 390	Software Development & Deployment		CP 465	Systems Security
	Elective		CP 470	Open Source Programming

Some courses require students to successfully complete pre-requisite courses to take the next course. Courses marked with an asterick (*) require pre-requisite courses.

Degree Works is a web-based assessment tool to assist you in tracking your progress throughout your program.

Note: Please check [Degree Works](#) for the most recent version of your programs' courses.

Computer Programming Diploma Planner

Course Planner Checklist   Name:_____   Student # _____

Full-Time Program Requirements	✓ have (Grade)	X need
SEMESTER 1		
CP 150 Operating Systems		
CP 160 Web Programming & Design		
CP 180 Introduction to Databases		
CP 190 Programming Fundamentals		
CS 050 College Writing		
Elective		
Elective		
SEMESTER 2		
CP 220 OOP with Net		
CP 240 Advanced Web Applications		
CP 260 User Experience Theory		
CP 270 Advanced Database Design & SQL		
CP 280 Req Analysis and Process Modelling		
CS 219 Communications for Technology		
MA 115 Applied Math for Technology 1		

Full-Time Program Requirements	✓ have (Grade)	X need
SEMESTER 3		
CP 330 Design Patterns and Testing		
CP 335 Object Oriented Analysis and Design		
CP 345 OOP with JAVA		
CP 355 Project Management		
CP 380 ASP.NET		
CP 390 Software Development & Deployment		
Elective		
SEMESTER 4		
CP 430 Mobile Computing		
CP 435 Computer Networks		
CP 440 Major Project		
CP 445 Data Specialization		
CP 455 Ethics and Law		
CP 465 Systems Security		
CP 470 Open Source Programming		

Note: Please check Degree Works for the most recent version of your programs' courses.

3. Class Guidelines

Our goal at Confederation College is to create open, inclusive, and respectful learning environments for everyone – students, professors, and staff.

In order to maintain this kind of learning environment, we have created policies and procedures that outline the rights and responsibilities of students and professors.

Policies regarding Academic and Personal conduct are on the College website ([link provided](#)) and at the end of this handbook. We expect all students to review and follow these policies.

Policies below are specific to the **Computer Programming** program.

General Class Structure
On the first day or two of a class your professors will inform you of specific class rules and provide you with a course outline. This outline will describe the course, outline your assignments, explain the grading system, and provide a class schedule with important dates and deadlines. Usually, this information is posted in Blackboard, so refer to it often to avoid missing any deadlines.

Professors will use your college email address and/or Blackboard as a means of communication.

It is your responsibility to check your college email regularly.

4. Program Expectations

Hardware requirements
- You will need to provide your own Windows based laptop for this program. The recommended specifications for the laptop can be found on the program website ([Computer Programming](#) – More Information drop down).

Attendance / Participation / Missed Tests & Assignments

- Success is directly related to attendance. It is expected that you will attend all classes.

- Absences for legitimate and documentable reasons do occur BUT **your professors need to be made aware – either prior to, or immediately following the absence.** Waiting to contact a professor for multiple weeks or months is not acceptable.

- If you are absent from class, you must find out what you missed from your classmates or professor. Your professor will not come to you or re-teach the material.

- Legitimate and documentable reasons for missing class need to be discussed in advance with your professor. Examples include the following:
    - Illness or Medical Emergency:
        - If you are sick or experience a medical emergency, you should inform your professor as soon as possible, preferably before the class.

- Court summons, jury duty:
  - A court summons or jury duty notice serves as documentation.
- Death of family member:
  - Documented through discussion with your Professor

- Unacceptable reasons for missing class include the following:
  - Procrastination or poor time management
  - Sleeping in
  - Trips
  - Work

- If you miss a test/exam/quiz without a legitimate reason, you will receive a grade of zero (0).

- If you miss an in-class assignment or activity (ones that are given and completed within the scheduled class time) without a legitimate reason, you will receive a grade of zero (0).

- Assignments, projects, essays, etc. (given as "homework" with a due date) are due on the assigned date. Acceptance of late submissions will be at the instructor's discretion. Any work that is accepted will receive a late penalty designated by the instructor.

- You CANNOT submit a semester's worth of work at the end of the semester. Assessments are continuous throughout the semester.

- All work will not be accepted after the last day of class unless other arrangements have been made with the professor.

- Assignments are to be submitted in the manner prescribed by your professor. For example, some Professors require assignments to be submitted via hard copy while others will accept electronic attachments. Follow the submission instructions provided by your professor. Professors are NOT required to print off your papers or projects, etc. This is YOUR responsibility.

Teamwork

A significant amount of group work is required in this program. Individual students are expected to be full participants in, and contributors to, each group-based project/assignment within the program coursework.

Guidelines will be provided outlining the requirements of group work by individual faculty members. Expectations will vary among faculty and students are expected to ask questions if they are not clear. Instructors have the right to adjust individual marks during group work should an individual not be doing their share.

Grading

For mark grading and breakdown refer to each course outline. Note that 50% is required to pass a course. However, a GPA of 2.0 over all courses must be attained to graduate. Therefore, it is possible to pass all your classes and still not graduate (a GPA average of 2.0 is approximately a 60% average in the Computer Programming program).

Banner will give you your GPA average at the end of each semester and a running total as you complete each semester.

Course Evaluation and Grading Policy Ch5-s1-01 can be found on the [Academic Policies webpage](#).

CALCULATING MARKS
If you have a question about how your test or assignment was marked, ask your professor.

Marks are calculated as follows:

Mark	Grade	GPA Points
80% - 100%	A	4
70% - 79%	B	3
60% - 69%	C	2
50% - 59%	D	1
Below 50%	F	0

GPA (Grade Point Average) is calculated out of a maximum of 4 points. The highest GPA you can receive is a 4.00; to be on the Dean's List, your GPA must be at least 3.50. To graduate it must be 2.00.

Professionalism and In-class Behaviour

- **Conduct yourself as a professional.** This includes your emails and interactions in the classroom and labs with faculty and classmates. Address your colleagues and teachers with respect both online and in-person.

- **Bring a drink or small snack to class if you need.** (Certain lab/shop environments prohibit this, so ask your professor if you are unsure). Dispose of your own garbage.

- **Turn off your cell phone in class**. If you must answer a call, leave the classroom quietly so you do not disturb the class. Tell your professor before class if you are expecting a call that you will have to answer.

- **Focus on what's happening in class.** Talking to classmates while the professor is speaking is considered disrespectful and disruptive.

- **Arrive on time to class.** If you are late, enter the classroom as quietly and discreetly as possible. Some teachers require students to wait for a break to enter the class if they are late. If you need to leave the class early, try to leave at a break and explain to your professor why you need to leave.

- **Ask for help when you need it.** We have many supports available to all students to help them be successful.

- **Participate during the class.** Students are encouraged to pay attention, take notes, participate in classroom

- **Ask for permission before recording lectures.** Because of the disclosures that occur in many class discussions, professors have the ability to deny this request.

Additional expectations:

- **Have reasonable expectations regarding email/telephone response times.** Messages sent at late hours or on weekends will not be responded to until appropriate working hours.

- **Leave clear messages.** When leaving messages for professors, always (and clearly) include your full name, contact information, and specific class, as well as your question or concern.

- **Keep track of appointments.** If you schedule a meeting outside of class time with your professor, be sure to add it to your calendar and attend. If you cannot make an appointment, contact your professor beforehand to let him/her know you will not be showing up.

- **Know the start date and end date of each semester, as well as dates for any holidays or breaks.** (All relevant dates are identified in your SUCCI Student Handbook.) Early departure at the semester's end, early departure or late return at Student Success Week, or other scheduled vacation during the academic semester is not considered as an 'extraordinary circumstance.' You will NOT be granted permission to write tests or exams earlier or later to accommodate this.

- **Labs and classroom spaces.** Are to be kept cleaner then you found it. If something was left behind from the previous class put it away. All tools and equipment should be put back where you found it. Clean up after yourself. It is not the instructor's responsibility and cleaners do not clean the labs and equipment. Instructors have the right to adjust lab marks for not cleaning up after yourself. Cleaning up is part of the job on the worksite as it is here.

5. Academic Policies

Students should familiarize themselves with the following College policies:

Charter of Students' Rights & Responsibilities: Ch5-s5-03

Course Evaluation and Grading Policy: Ch5-s1-01

Student Code of Conduct: Ch5-s5-02

Academic Integrity: Ch5-s5-01 (Sign-off Required, see page 19)

Use of Electronic Devices in Class: Ch5-s5-06

Academic Appeal Policy: Ch5-s1-02

A complete list of Confederation College Policies and Procedures can be found on the website, or accessed through the link below:

Link to main Academic Policies and Procedures webpage

Academic Integrity

Purpose: Academic integrity is central to the mission of Confederation College. Commitment to academic integrity supports the mutual respect and learning that our community values. The Academic Integrity Policy and Procedure reflect these values.

Scope: Applies to all students and staff to guide behavior and support learning.

Academic Integrity: Having academic integrity means acting fairly and honestly when engaging in academic activities. By having and applying an Academic Integrity Policy and Procedure, Confederation College ensures graduates complete their studies fairly and honestly through hard work and dedication, and thus are well-prepared for their future careers.

Definition of Academic Dishonesty: A violation of academic integrity. Academic dishonesty takes the form of any kind of cheating in academic work, including taking credit for the work of others without crediting them, misrepresenting one's own work, fabricating information, and facilitating academic dishonesty by others.

Examples of academic dishonesty include, but are not limited to, the following:

- Plagiarism: representing the words or ideas of someone else as one's own including copy and pasting from internet, as well as failing to attribute any of the following: quotations, paraphrases, or borrowed information.
- Unauthorized use of artificial intelligence: utilizing AI and specifically foundational models to create writing, computer code, or images from minimal human prompting and presenting that work as one's own is an academic offense. There will be times when you are able to utilize generative artificial intelligence for productive and ethical academic use, but these instances will be guided and introduced by your faculty as part of your learning.
- Cheating: using or attempting to use unauthorized information or materials in any academic exercise; copying from one's own or someone else's work; representing someone else's work as one's own; or violating rules and policies governing examinations, such as bringing pre-written work into an in-class examination or talking during examination or accessing information via the internet.
- Fabrication: inventing or falsifying data, citations, or information.
- Facilitating academic dishonesty: intentionally helping or trying to help someone else commit an act of academic dishonesty.

Consequences: Violations will result in failing grades, suspension, or expulsion. Violation will also entail being recorded in the online tracking tool. The school has the right to make note of cheating on your permanent transcript which employers may see.

Procedure for Students:

- Read and become familiar with College policy and faculty expectations regarding academic integrity, as stated in the course outline.

- Seek clarification of principles and practices of academic integrity from the faculty and/or other academic resources, such as librarians, tutors, or the writing center, before completing assignments or attempting examinations.

- Cooperate with faculty if issues of Academic Dishonesty arise.

Academic Integrity Sign-off

Sign-off shows acknowledgment of your commitment to uphold academic integrity and understanding of the consequences for academic dishonesty, including specific examples provided.

I, _____ (print name) have read and understand the

Academic Integrity information and policy contained in the **Computer Programming** program

handbook.

Signature: _____   Date: _____

6. Resources and Support Services

Writing Centre
https://www.confederationcollege.ca/department/tutoring/writing-centre

Student Success Centre
https://www.confederationcollege.ca/department/student-success-centre

Degree Works
https://www.confederationcollege.ca/department/registration/degreeworks

Academic Date Calendar
https://www.confederationcollege.ca/department/admissions/registration-services

7. Contact Information

Program Coordinator: **Daniel Kaukinen**

Ph: 807-473-3728   Email: dkaukine@confederationc.on.ca

Please refer to your timetable & Blackboard course sites for additional faculty and their contact information.

Student Success Advisor: **Ashley Hancharik**

Ph: 807-475-6548   Email: ahancha1@confederationc.on.ca

Associate Dean: **Riley Burton**

Ph: 807-475-6274   Email: Riley.Burton@confederationcollege.ca

Distance Education: Email: de@confederationcollege.ca