

# Introduction to Programming

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MAD 102

# Instructor

Aishwarya Rajasekaran

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Email to request an appointment outside of office hours. Emails will be responded to within 24 hours during the work week.

- When contacting me:
  - You **must** use your **St Clair College** email
  - Please use the format given for email contact
    - Subject:** MAD 102 - <Subject of email>
    - Body of Email** must start with below information
    - Name:** #### ###
    - Student Id:** ###

Current information will be posted in the [Information](#) section of the blackboard course.



# Course Description

*The course is an introduction to general computer concepts and an introduction to the programming process. Students will learn and employ fundamental concepts related to developing basic programming logic. Students will develop small programs that utilize basic control structures, data structures and functions. Students will be introduced to the object-oriented programming process using a modern programming language.*

# Text

## **MAD 102 - Introduction to Programming - zyBooks**

### [Zybooks Link](#)

1. Sign in or create an account at [learn.zybooks.com](https://learn.zybooks.com)
2. Enter zyBook code: STCLAIRCOLLEGEMAD102TakakiFall2023
3. Subscribe

Subscription begins on Aug 20, 2024 and the cutoff to subscribe is Dec 16, 2024. Subscriptions will last until Jan 14, 2025.



# Academic Standing Policy

- To be academically eligible to graduate from a program at St. Clair College a student must pass all required courses and achieve a 2.00 grade point average in the courses related to that program
- In cases of sub-standard performance, students will receive one of the following standings: academic warning, academic probation, or academic dismissal.
- A student on academic warning or probation may be required to successfully complete failed courses before proceeding in the program.

# Academic Standing Policy

- **Academic Standing: Good:** A student will receive academic good standing at the end of a semester when the student has successfully completed all courses and maintained a Career Grade Point Average (GPA) of 2.00 or greater.

**Academic Standing: Warning:** A student will receive an academic warning at the end of a semester if 1% to 15% of the career credit hours within a term have been failed. **Academic Standing: Probation:** A student will be placed on academic probation at the end of a semester when the Career semester GPA falls below 2.00 or if 16 to 32% of the Career credit hours have been failed.

**Academic Standing: Dismissal:** Academic dismissal may be imposed if: three or more courses are failed; fails 33% or more of the Career credit hours; has a Career Grade Point Average less than 2.00 for two consecutive semesters; fails the same course twice; is on probation following re-admission to a Career and fails to achieve a semester GPA of 2.00 by the next evaluation period.

<https://www.stclaircollege.ca/programs/policies>

# Other Contact Information

## **Peer Tutoring**

Peer Tutors can provide one-on-one help with course content, and pass along useful study strategies, but they will not do a

### **Peer Tutoring gives you:**

- Help to prepare for quizzes, tests and exams.
- A study partner who can help you understand and remember your material.
- The perspective and support of a student who knows how to be academically successful. The opportunity to build confidence in your own academic skills.

<https://www.stclaircollege.ca/student-services/tutoring-services>

# Assignments

- The due dates for assignments are as follows:
  - Assignments are due by the stated due date and time
    - Assignments must be submitted using the submission point on Blackboard by the stated due date and time and in the correct format
  - All assignments are weighted equally - 3%
  - This weighting is what is important - not the number of marks on the assignment.
    - The number of marks per assignment will vary.
    - If one assignment is worth 10 marks and another worth 100 marks, the one worth 100 marks is not worth more than the one worth 10 marks. They are equally weighted, so they are worth the same in your final grade calculation
  - You may have multiple assignments per week - all assignments and their submission points are posted to their weekly Blackboard folders
  - 4-5 assignments will be mandated to be completed in class



# Assignments

**It is important that you read the entire assignment prior to starting**

- Follow the instructions in the assignment.
- Any assignment submitted past the posted due date and time **is late** and is **NOT** eligible for marks.
- All due dates and times are posted on Blackboard under the MAD 102 Due Dates tab/Calendar

# Quizzes

- Quizzes are posted to Blackboard, and you have until the end of the day of the stated due date to **complete** the quiz
- For example, a quiz is assigned in week #1 Friday – you will have until the end of day-Saturday (11:59 pm) of the designated due date to complete the quiz
- You have multiple attempts (2) for each quiz and only the highest mark counts
- There are **NO extensions allowed for quizzes or redo attempts**

# Assignments and Quizzes - Marks

Weekly Quizzes	Weight
Quiz #1	1%
Quiz #2	1%
Quiz #3	1%
Quiz #4	1%
Quiz #5	1%
Quiz #6	1%
Quiz #7	1%
Quiz #8	1%
Quiz #9	1%
Quiz #10	1%
Total	10%

Assignments	Weight
Logical Design	3.0%
Control Structures x 2	6.0%
Collections	3.0%
Modular Design x 2	6.0%
OOP x 2	6.0%
Programming Concepts x 2	6.0%
Total	30%

All assignments and quizzes are weighted

# How do I calculate my weighted grade?

Each quiz is worth 1%

- If you received 8/10 on the first quiz you would be able to calculate your weighted grade as follows

$$8 \times 1 / 10 = 0.8$$

- Your weighted grade for this quiz is 0.8%
- If you next quiz was 8/15 the weighted grade would be

$$8 \times 1 / 15 = 0.533333$$

- Your weighted grade for this quiz is 0.5333%

# Assignments

- Academic Integrity
- You are required to do your own work!
- All assignments will be compared – any instances where assignments match will be handled as per the Code of Student Rights and Responsibilities

**[Code of Student Rights & Responsibilities](#)**

# How to be successful in this course

- **Do the work**

- All materials will be posted for you to start work at the beginning of each week. Take a moment and review the lecture materials and be prepared for the class. After the class – start the work as soon as possible. It is **VERY** important that you do not leave this material to complete the night before. If you run into any problems, there is not time for you to get assistance or ask for clarification.

- **Read the textbook**

- This textbook thoroughly explains each of the concepts in each chapter. Don't just look for the code blocks and type the code. Read the chapters as you go. This textbook has been chosen because it is an excellent current resource for you. This book contains current examples that are interactive and will help you understand the material

# How to be successful in this course

- **Ask questions**

- If you do not understand a topic – ask. Each of your instructors will provide you with their preferred method of contact. If you have a question – ask it.

- **Make time for this course**

- This course has 4 hours of in-class instruction and lab time each week. You have 5 other courses this semester. Get into good habits and set aside the appropriate time to work. The lab time is an opportunity for you to work on the current assignment. And I am present to assist with any questions that you have. If you do not take advantage of this time and instead decide to do your work at another time (and you do this for your other classes) – **you are taking on 10 + hours of work every week!**

# How to be successful in this course

- **Treat all work as important**

- Each week builds on the previous week's material. If you miss a week's assignment, you will be missing key information that may impact you for the remainder of the semester.

- **Do not "Google" /Do not use AI to Answer your assignments or Quiz**

- There is a lot of incorrect information posted to the internet – how do you know if your answer is correct or just a bad one? What I am asking you to do for the assignments we have covered in class? If you are unsure, then your first step is to review the class lectures and in-class exercises. Still not sure? Refer to that week's chapter in your textbook. Still not sure? Speak with me – arrange to meet with me and I will be more than happy to assist you with understanding any of the concepts.



# Email

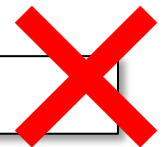
- It is **VERY** important that you check your college email regularly
- This is the only method I have for communicating with you
  - I will notify you of changes to the course, due dates, test dates, etc. through email
- When emailing me instructor you **MUST** use your St Clair College email account
  - I will not respond to any email that comes from your personal email account.
  - When emailing, ALWAYS include your full name, section and student number at the bottom of the email

For example:

Aishwarya Rajasekaran  
MAD 102 - 001  
#09123093



Aish R



# Email

- Include a subject line:
  - This tells me what the email concerns
  - **Do not** put your entire email message in the subject line nor leave it empty

Example Subject Line:      **Assignment 2 - Problem with Title Not Displaying Properly**



- If this is concerning a problem, detail what the problem is in the email **and attach your work in zipped format.**
  - Do not simply say – “My code doesn’t work”. **Detail** what is wrong and what you have done to try and correct the problem
  - I am unable to help you if you just attach a screen shot of a single line of code – include all the files for the assignment

# Email Etiquette

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Keep the contents of your email professional



Proofread before sending



Remember, this is not a text message to a friend. No 'ur' or emojis