

The City College of New York  
Department of Computer Science  
Fall 2017 Semester

CSc 102 Introduction to Computing

ALL SECTIONS:

Lecture MW, 11:00 - 11:50 am at Stienman Hall ST 161

Computer Laboratory:

Section CC1 (22972): M 2:00 – 3:40 pm NAC 7/107

Section CC2 (22973): M 2:00 – 3:40 pm NAC 7/118

Section CC3 (22974): W 2:00 – 3:40 pm NAC 7/107

Section CC4 (22975): W 2:00 – 3:40 pm NAC 7/118

The Team:

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Siyu Liao ([liaocs2008@gmail.com](mailto:liaocs2008@gmail.com)) Sections CC1 and CC3

Maryam Vatankhan ([mvatankhah@ccny.cuny.edu](mailto:mvatankhah@ccny.cuny.edu)) Sections CC2 and CC4

Office Hours:

Sections CC1 and CC3 M 10:00 - 10:45 am or by appointment

Sections CC2 and CC4 W 10:00 - 10:45 am or by appointment

Textbook:

Problem Solving with C++, 10th Edition by Walter Savitch (Pearson 2017)

Topics:

C++ programming language and environment

Basic syntax – variables, variable types (numeral, character, logical), expressions, and statements

Conditionals and recursion

Iterations

Arrays

Functions

Input-output streams and files

Strings

Pointers and dynamic arrays

Structures and composite types

Classes – objects, methods, inheritance

Other topics may be covered as applications in the class or labs.

### Schedule:

<i>Week</i>	<i>Class</i>	<i>Notes</i>
1	28 August	<i>Classes begin</i>
	30 August	
2	4 September	<i>Labor Day – College closed</i>
	6 September	
3	11 September	
	13 September	
4	18 September	<i>No classes scheduled</i>
	20 September	
5	25 September	<i>In-lab quiz</i>
	26 September	
6	2 October	
	4 October	
7	9 October	<i>In-lab quiz</i>
	11 October	
8	16 October	<i>Exam 1</i>
	18 October	
9	23 October	<i>In-lab quiz</i>
	25 October	
10	30 October	
	1 November	
11	6 November	<i>In-lab quiz</i>
	8 November	
12	13 November	
	15 November	
13	20 November	
	22 November	
14	27 November	<i>In-lab quiz</i>
	29 November	
15	4 December	<i>Exam 2</i>
	6 December	
16	11 December	<i>Classes end</i>

### Assignments and Grading:

- 1- In-lab exercises counted 25% of the final grade;
- 2- In-lab quizzes that span the entire (1 hr 40 min) lab sessions in weeks 5, 7, 9, 11, and 14 (25%);
- 3- Various programming problems posted in MyProgrammingLab (5%); and
- 4- Two in-class exams (15% and 30%).

### Policies:

- 1- The course-lab work must be carried out individually.

- 2- Assignment and project work must be done independently. Sharing materials with classmate, especially programming work including logic, and/or modifying the materials to fabricate and reproduce other versions is very seriously treated based on the CUNY Academic Integrity Policy.
- 3- Deadlines are strictly observed.
- 4- No extra time will be given for late arrivals to the exams. No make-up exams will be considered for absent students.
- 5- Any disagreement resulted from grading must be reported in writing for resolution.
- 6- The school requires all faculty members to verify that students are actually attending the courses in which they are enrolled. Certification is made early in the semester based on class attendance. *Non-certification will result in a WN grade.*

#### Computing Facilities:

The computer language used for this class is C++ and its IDE as implemented in today's available computer systems. Linux Lab (NAC 7/107) and Windows Lab (NAC 7/117-118) are reserved for the various sections as per the schedule above.