

CPSC 101 — Computer Programming II — Winter 2023



course outline



see also <https://web.unbc.ca/~casper/>
<https://moodle.unbc.ca/course/view.php?id=1141>

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web addresses : <https://web.unbc.ca/~casper/> and follow the links.

Text: *Big Java: Early Objects* by Cay Horstman. 7th edition. ([more info](#))

Topics from: (*not necessarily in the order listed*) Memory organization. General programming concepts (discussed in Java) including an introduction to generics, and exceptions and exception handling. An introduction to object-oriented design and design patterns. Object-oriented programming concepts, including: inheritance, overriding and overloading, and inner classes. Graphics programming (specifically using Swing in Java).

Grading:

Assignments
and Quizzes : 15%
Team Project : 15%
Participation Marks : 8%
Exam 1 : 15%
Exam 2 : 15%
(Final) Exam 3 : 32%

Hours and Rooms:

My office is T & L 10-2080. Lec-

tures are in 8-164; tutorials are in 5-176, and labs are in 8-456/7.

Lecture	M	W	F	15:30–16:20
Tutorial 2			R	08:30–09:50
Tutorial 1			R	16:00–17:20
Labs	M	T		<i>various</i>
Office	M		F	10:00–11:00 <i>or by arrangement.</i>

Dates:

Lab Assignments : *approx weekly*
First class : 2023-01-04
Exam 1 : 2023-02-10
Last drop day : 2023-02-23
Winter Break : 2023-02-20
to 2023-02-24
Exam 2 : 2023-03-10
Last class : 2023-04-06
(Final) Exam 3 : *in Apr 11 to 21*
Good Friday : 2023-04-07
Easter Monday : 2023-04-10

General:

- Assignments are late if they are not received by the *beginning* of the lecture at which they are due. Further details on late policy can be found on my web-site.
- The team project accounts for 15% of your mark in this course, and your participation in the team project affects the grade of your fellow team-mates. Team meetings and other team project activities happen outside of scheduled class times. Please plan accordingly.
- There will be between 4 and 8 programming assignments, the assignments being given out approximately weekly.
- Discussion of assignment topic is encouraged but all assignments must be done independently. Copied assignments are considered academic dishonesty. Responses to academic dishonesty include awarding a *mark of* -100% on the assignment in question and *written notification* of the Office of the Registrar.
- Tutorial participation is mandatory.