

# CPSC 101 — Computer Programming II — Winter 2022

## course outline

see also <https://web.unbc.ca/~casper/>  
<http://learn.unbc.ca/>

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

**Text:** *Big Java: Late Objects* by Cay Horstman. 2<sup>nd</sup> edition.

**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%
Tutorial Participation	: 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 5-178; tutorials are in 5-174/6, 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	: <i>approx weekly</i>
First class	: 2022-01-05
Exam 1	: 2022-02-11
Last drop day	: 2022-02-24
Winter Break	: 2022-02-21 to 2022-02-25
Exam 2	: 2022-03-11
Last class	: 2022-04-07
(Final) Exam 3	: 2022-04-14
Good Friday	: 2022-04-15
Easter Monday	: 2022-04-18

### 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.