CPSC 101 — Computer Programming II — Winter 2018

course outline

see also `http://web.unbc.ca/~casper/`
`http://learn.unbc.ca/`

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web addresses:
`http://web.unbc.ca/ casper/` and follow the links.

Office: T & L 10-2080

Office Hours:
M   F   11:00–12:00
or by arrangement.

Rooms: Lectures are in 5-176; tutorials are in 5-159, and labs are in 8-457.

Text: *Big Java: Early Objects* by Cay Horstman. 6th edition. ISBN: 978-1-1190-5644-7.

Grading:

Assignments and Quizzes	:	15%
Team Project	:	15%
Tutorial Participation	:	5%
Exam 1	:	15%
Exam 2	:	15%
(Final) Exam 3	:	35%

Dates:

Lab Assignments	:	*approx weekly*
First class	:	Wed, Jan 03
Exam 1	:	Wed, Feb 07
Last drop day	:	Thu, Feb 22
Winter Break	:	Feb 12–16
Exam 2	:	Wed, Mar 07
Course Evaluation	:	Wed, Mar 28
Good Friday	:	Fri, Mar 30
Easter Monday	:	Mon, Apr 02
Last class	:	Fri, Apr 06
(Final) Exam 3	:	Apr 10–21

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

General:

- Assignments are late if they are not received at 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.

- Some Wednesday classes will be taught by others.