CPSC 101 — Computer Programming II — Winter 2013

course outline

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

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web addresses:
 `http://web.unbc.ca/~casper,`
 `http://web.unbc.ca/~casper/Semesters/`
 `2013W/101.php`

Office: T & L 10-2080

Office Hours:
 M 10:00–12:00
 or by arrangement.

Rooms: Lectures are in 5-174; tutorials are in 8-161, and labs are in 8-456/7.

Text: *Big Java* by Cay Horstman. 4th edition. Isbn: 978-0-470-50948-7.

Grading and Dates:

Assignments and Quizzes	:	15%	
Team Project	:	15%	
Tutorial Participation	:	5%	
First class	:		Fri, Jan 04
Exam 1	:	15%	Fri, Feb 08
Last drop day	:		Fri, Feb 14
Winter Break	:		Feb 18–22
Exam 2	:	15%	Fri, Mar 08
(Final) Exam 3	:	35%	Apr 10–20

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 at `http://web.unbc.ca/~casper/Semesters/2013W/101-policies.php#late` .

- 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.