

CPSC 101 — Computer Programming II — Winter 2012

course outline

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

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<http://web.unbc.ca/~casper/>,
<http://web.unbc.ca/~casper/Semesters/2012W/101.php>

Office: T & L 10-2080

Office Hours:

M 10:00–12:00
or by arrangement.

Rooms: Lectures are in 5-155; tutorials are in 5-174/6, 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	:	Wed, Jan 04
Exam 1	:	15% Fri, Feb 09
Last drop day	:	Fri, Feb 10
Winter Break	:	Feb 20–24
Exam 2	:	15% Fri, Mar 03
(Final) Exam 3	:	35% 11–25 Apr

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/2012W/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 as “Academic Dishonesty.” Responses to academic dishonesty include awarding a *mark of* -100% on the assignment in question and *written notification* of the College Dean.
- Tutorial participation is mandatory.
- Some Wednesday classes will be taught by others.