

CPSC 101 — Computer Programming II — Winter 2016

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/2016/101.php](http://web.unbc.ca/~casper/Semesters/2016/101.php)

Office: T & L 10-2080

Office Hours:

M 10:00-12:00
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 and Dates:

Assignments and Quizzes	:	15%
Team Project	:	15%
Tutorial Participation	:	5%
First class	:	Wed, Jan 06
Exam 1	:	15% Fri, Feb 05
Last drop day	:	Tue, Feb 24
Winter Break	:	Feb 08-12
Exam 2	:	15% Fri, Mar 11
(Final) Exam 3	:	35% Apr 13-23

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/2016W/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.