

CPSC 101 — Computer Programming II — Winter 2017

course outline

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

Instructor: Dr David Casperson

Telephone: (250)960-6672

e-mail: David.Casperson@unbc.ca

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 04
Exam 1 : Fri, Feb 03
Last drop day : Thu, Feb 23
Winter Break : Feb 14-17
Exam 2 : Fri, Mar 10
Course Evaluation : Fri, Apr 01
Last class : Fri, Apr 07
(Final) Exam 3 : Apr 11-26

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.