

CPSC 100 — Computer Programming I — Winter 2008

syllabus

Instructor: Dr David Casperson

Office: T&L 10-2046

Telephone: 960-6672

e-mail: casper@unbc.ca

web-page: <http://web.unbc.ca/~casper>

Rooms: Lectures and tutorial are in 7-150;
and labs are in 8-456.

Office Hours:

W 11:00–12:00
R 14:00–15:30
or by arrangement.

Hours: Lectures M W F 16:30–17:20
Tutorial A R 11:30–12:50
Lab 1 T 11:30–12:50
Lab 2 T 11:30–12:50

Text: *Starting Out With Java : From Control Structures through Objects* by Tony Gaddis. 3rd edition. ISBN: 9780321479273.

Dates: First class : Fri, Jan 04
Exam 1 : Wed, Feb 06
Winter Break : Feb 18–22
Last drop day : Wed, Feb 13
Easter Friday : Fri, Mar 21
Easter Monday : Mon, Mar 24
Exam 2 : Wed, Mar 06
Course evaluations : Mon, Apr 07
(Final) Exam 3 : 11–23 Apr

Grading Scheme:

Assignments : 15%
Quizzes : up to 5%
Exam 1 : 20%
Exam 2 : 20%
(Final) Exam 3 : 40%

Topics Covered: (not necessarily in the order listed) An overview of computer hardware. Number systems. Binary arithmetic. Problem solving techniques. Program development process. File I/O. Data types. Arithmetic and logical expressions. Looping and control structures. Static Methods. Classes, Objects, and Object Creation. Inheritance. Garbage Collection.

An introduction to UNIX, editors, JAVA compiler and debugging tools is provided in the labs.

General:

- **Quizzes will be unannounced and will be given during lectures, tutorials or labs.** No makeup exams/quizzes.
- Assignments are late if they are not handed in at the beginning of the lecture on the day on which they are due. Late assignments will be assessed a penalty.
- Late policy and other course policies can be found online at the location given below.

Cheating: Discussion of assignment topic is encouraged but all assignments must be done independently. Copied assignments are considered as “Academic Dishonesty.” First-time offenses result in a grade of -100% on the assignment in question and formal notification of the Dean of the College of Science and Management.

Course Policies: All course policies can be found on-line at:
<http://web.unbc.ca/~casper/Semesters/2008W/100-policies.php> .