

CPSC 100 — Computer Programming I — Fall 2011

course outline

see also <http://web.unbc.ca/~casper/>
<http://web.unbc.ca/~casper/Semesters/2011F/>

Instructor: Dr David Casperson (**Office:**
T&L 10-2080, **Telephone:** 960-6672, **e-mail:** casper@unbc.ca, **web-page:**
<http://web.unbc.ca/~casper>)

Rooms: Lectures are in 7-238, tutorial are
in 5-174; and labs are in 8-456 or 8-457.

Office Hours:

W 11:00–12:00
R 14:00–15:30

or by arrangement.

Hours: Lectures M W F 15:30–16:20
Tutorial A R 8:30– 9:50
Tutorial B R 16:00–17:20
Lab 1 M 13:00–14:20
Lab 2 T 10:00–11:20
Lab 3 T 14:30–15:50
Lab 4 T 16:00–17:20
Lab 5 R 10:00–11:20
Lab 6 R 16:00–17:20

Text: *Starting Out With Java : From Control Structures through Objects* by Tony Gaddis. 4th edition. ISBN: 9780136080206.

Dates and Grading Scheme:

First class : Wed, Sep 07
Thanksgiving : Mon, Oct 10
Exam 1 : 20% Wed, Oct 12
Last drop day : Tue, Oct 18
Exam 2 : 20% Wed, Nov 09
Course evaluations : Wed, Nov 30
Assignments : 15% *weekly*
Tutorial
Participation : ≤ 5% *weekly*
(Final) Exam 3 : 40% 05–16 Dec

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.

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:

- 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.

Course Policies: All course policies can be found on-line at:

<http://web.unbc.ca/~casper/Semesters/2011F/100-policies.php> .