

CPSC 100 — Computer Programming I — Fall 2012

course outline

see also <http://web.unbc.ca/~casper/>
<http://web.unbc.ca/~casper/Semesters/2012F/>
and blackboard

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

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.

Accommodations: Students in this course who, because of a disability, may have a need for special academic accommodations, should discuss this with the instructor, or contact staff at the Access Resource Centre (T&L 10-1048).

Text: *Starting Out With Java : From Control Structures through Objects* by Tony Gaddis. 5th edition. ISBN: 9780132855839. Older editions are probably ok. Ask the instructor.

Office Hours:

T W 13:00–14:00
or by arrangement.

Hours and rooms:

Lectures	M W F	15:30–16:20	7-238
Tutorial A		R 8:30– 9:50	10-4520
Tutorial B		R 16:00–17:20	5-158
Tutorial C	M	11:30–12:50	5-174
Lab 6 7	M	08:30–09:50	8-456/7
Lab 8	M	13:00–14:20	8-457
Lab 4 3	T R	10:00–11:20	8-457
Lab 1 5	T R	14:30–15:50	8-457
Lab 2	T	16:00–17:20	8-457

Dates and Grading Scheme:

First class	:		Wed, Sep 05
Thanksgiving	:		Mon, Oct 08
Exam 1	:	20%	Wed, Oct 03
Last drop day	:		Thu, Oct 18
Exam 2	:	20%	Wed, Nov 28
Course evaluations	:		Mon, Nov 26
Assignments	:	15%	weekly
Tutorial	:		
Participation	:	≤ 5%	weekly
(Final) Exam 3	:	40%	05–15 Dec

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/2012F/100-policies.php> .