

**Concordia University
Department of Computer Science
and Software Engineering**

**Introduction to Programming
COMP 248 --- Winter 2006 --- Section U**

Contact Information

instructor: Joey Paquet, EV-3-221 paquet@cse.concordia.ca
tutors: (section UA) : Emil Vassev, i_vassev@cse.concordia.ca
(section UB) : Aihua Wu, aihua_wu@cse.concordia.ca
web page: newton.cs.concordia.ca/~paquet/wiki/index.php/COMP248_winter_2006_section_U

Calendar Description

Prerequisite: MATH 204 or 208 or CEGEP Mathematics 105 previously or concurrently. Writing simple programs using assignment and sequence. Variables. Simple types. Operators and expressions. Conditional and repetitive statements. Input and output. Simple functions. Program structure and organization. Definition and scope. Data abstraction and encapsulation. Introduction to classes and objects. Constructors. Lectures: three hours per week. Tutorial: two hours per week. NOTE: Students who have received credit for COMP 215 or COMP 218 may not take this course for credit.

Course Objectives and Content

The primary objective of this course is to enable you to understand the basic principles of programming. The language used for the course is Java, chosen because it supports object oriented programming and because it is becoming widely used in industry.

Prerequisite Knowledge

You should have some experience with using a computer. It is helpful, but not necessary, to have some experience in programming with a language such a variants of C or Java. The tutors will provide a gentle introduction in the first one or two tutorials for those who are not familiar with the programming environment to be used.

Text Book (required)

Absolute Java by Walter Savitch, 2nd Edition, Addison Wesley, 2006. You can obtain this book from the Concordia bookstore or from other bookstores in Montreal. The course covers the material in the first six chapters of the book; the remaining chapters will be covered subsequently in COMP 249.

Web Page

You can use an internet browser to obtain assignments, lecture notes and slides, and other detailed information and news about the course at this web site :

newton.cs.concordia.ca/~paquet/wiki/index.php/COMP248_winter_2006_section_U

Computing Facilities

You should obtain a computer account for COMP 248 from the help desk at H-960. This account will give you access to the laboratories. Lab monitors will be available during certain hours in the laboratories to help you with the use of the computers and on programming issues. If you have a computer at home and prefer to use it, you may do so, but be aware that your programs must compile and run with Java 5.0. Feel free to experiment with any of the open source/publicly available IDEs/editors listed on the home page.

Tutorials

The tutorials will reinforce the material seen during the lectures with examples and exercises. The assignments may be explained and returned during the tutorials.

Evaluation

You will be evaluated as follows:

Examinations (4)	4 X 10% = 40%
Homework Assignments (5)	5 X 3% = 15%
Final Examination	45%

Notes:

1. In order to pass the course, you must get an average of 50% on the examinations (quizzes and final), regardless of your grade in the assignments.
2. There is no standard relationship between percentages and letter grades assigned. Final letter grades are generally curved according to the class average.

3. Although we encourage discussion of the assignment questions among students, you should be aware of the University regulations concerning plagiarism described in 16.3.13 of the Undergraduate Calendar. All students should become familiar with the University's Code of Conduct located at:

http://web2.concordia.ca/Legal_Counsel/policies/english/AC/Code.html

In cases where cheating or plagiarism is suspected, the case will be forwarded directly to the appropriate university office for consideration. Please do not assume that you get "second chances" when it comes to cheating. Once is often enough to damage your academic career.