Course Outline: Fall 2014, ITI 1120, Sections A & B,
Introduction to Computing I

Instructor:

Vida Dujmović
vida.dujmovic@uottawa.ca
http://cglab.ca/~vida/
office: SITE 5007

Course Web Page: https://uottawa.blackboard.com

Office Hours of the instructor and TAs: TBA

Overview: Problem solving and algorithm design. Basic principles of software engineering: structure decomposition, documentation, testing and debugging. Variable types, expressions and assignment. Conditional and iterative control structures. Modules and parameter passing. Recursion. Fundamental data structures: arrays, strings, matrices, records. Introduction to objects. (3 hours of lectures, 3 hours of lab per week)

Course Textbook and Material:

Required Textbook: The textbook is available at the Agora Bookstore, not at the campus bookstore. Agora is operated by the Student Federation of the University of Ottawa and is located at 145 Besserer Street, near the corner of Waller. You can also buy it online:
http://www.agorabookstore.ca/textbooks?lang=en
This is a customized textbook for this course, with only the necessary chapters from a Java book: Computer Science - custom publication University of Ottawa (ISBN 1256189146), based on *Introduction to Java Programming* by Y.D. Liang. (cost approx. $57)

Other Required Material: All other course material, including labs and assignments, will be posted on the course webpage on the blackboard learn system.
https://uottawa.blackboard.com

Evaluation: Students will be evaluated on:

    Labs: 5% (11 labs, 0.5% each lab. One lab can thus be missed without penalty)
    Assignments: 25%. There will be 5 programming assignments, each worth 5%.
    Midterm: 20%
    Final Exam: 50%

    Important Note: The weighted average of your midterm and final exam has to be at least 50% in order to pass the course.

    _

    Midterm: There will be one midterm (1h 20 min long). It will take place, most likely, on Saturday 25th of October.

    Final: The final will be held during the Universitys examination period. The final examination is for evaluation purposes only and will not be returned to students.

    Assignment submissions: You will have to submit the assignments electronically through Blackboard Learn system. No late assignments are accepted.

Labs: 3 hours per week, compulsory.
    The labs start in the 2nd week of the semester.

    You should have been assigned a lab section during registration. Use the registration navigator to find out which lab section you are in.

    Labs are conducted by teaching assistants (TAs) Some tutorial material may be presented, along with practical work using Java on PCs. Individual assistance available. You can use your spare time (if any) to work on the assignments (individually).

Course policies:
    Plagiarism:

    See official university policy on plagiarism:
    `http://web5.uottawa.ca/admingov/regulation_13.html`

    Missed assignments:

    Failure to submit an assignment for reasons of illness must be justified by a certificate from the University of Ottawa Health Services . The certificate must be submitted to the course professor as soon as possible after the assignment due date. Failure to submit an assignment for other serious reasons must be justified in writing, with supporting documents, within the week following the due date of the assignment. The professor reserves the right to accept or refuse the reasons put forth. Eg. Failure of a student's home or laptop computer system is not accepted.

    In the case of a justified missed assignment, the mark entered for that assignment will be the average of all other assignments.

    At most one assignment will be excused with justification. The mark entered for any subsequent missed assignments will be zero.

Missed midterm:

Absence from a midterm for reasons of serious illness must be justified by a certificate from the University of Ottawa Health Services. The certificate must be submitted to the course professor within the week following the date of the examination. Absence for other serious reasons must be justified in writing, with supporting documents, within the week following the date of the examination. The professor reserves the right to accept or refuse the reasons put forth. Reasons such as travel, employment, and errors in reading the examination timetable are not accepted.

In the case of a justified absence from the midterm examination, the mark entered for that examination will the same as that for the final examination, in other words the final will be worth 70%.

Missed final:

Absence for reasons of serious illness must be justified by a certificate from the University of Ottawa Health Services. The certificate must be submitted to the secretariat of the faculty within the week following the date of the examination. Students who write their exam during their period of illness cannot appeal their results on the grounds of their sickness. It is essential that students consult a doctor before the exam, while they are ill.

Leaving the exam room for any reason (even medical) after receiving the questionnaire will require an appeal to the committee on academic standing.

Absence for other serious reasons must be justified in writing, with supporting documents, within the week following the date of the examination. The faculty reserves the right to accept or refuse the reasons put forth. Reasons such as travel, employment, and errors in reading the examination timetable are not accepted.