CSCI 111 – Introduction to Algorithmic Problem- Solving
Mon / Wed, 5 – 5:50 p.m., NSB C205
Professor Sara H. Geizhals
E-mail: shgeizhals@gmail.com – subject must include **CSCI 111**
Office: NSB A201, office hours: by appointment
Website: http://venus.cs.qc.edu/~geizhals/

Course description:

      Introduction to the principles and practice of programming.

      2 lec., 2 lab. hr.; 3 cr.

Course topics:

      Output, variables, input, arithmetic

      Decisions: if, if-else, while, for, nested for

      Boolean operators: negation, and, or

      Functions, reference parameters, recursion

      Arrays, 2-dimensional arrays

      Strings and characters

      Files and arguments to main

      Post- and pre- increment and decrement

      Break, continue

Prerequisite or corequisite:

      MATH 120 or 151 or equivalent.

Textbooks:

- *C++ Without Fear*, Brian Overland, ISBN: 9780321246950 or 9780132673266
- Optional: *Schaum's Outline of Programming with C++*, 2nd ed, John R. Hubbard, ISBN: 0071353461

Grade:

- Quizzes and labs (in lab class) – 30%
- Midterm 1 and midterm 2 – better grade 30% and worse grade 10%
- Final – 30%

CS tutors are available in NSB A205. See the CS office in NSB A202 for the tutors' hours.