Queens College, Department of Computer Science  
CSCI 111 – Introduction to Algorithmic Problem-Solving  
5-31 Jul, Mon-Thurs, 10:30 a.m.-12:10 p.m. and 12:30-2:10 p.m., NSB B131  
Professor Sara H. Geizhals  
Summer office hours: by appointment  
Website: venus.cs.qc.edu/~geizhals, Email: shgeizhals@gmail.com – subject must include CSCI 111. For all communication, I use your email address (found in CUNYfirst).

Course description: Introduction to the principles and practice of programming. Topics include primitive data types; concepts of object, class, and method; control structures; arrays; procedures and functions; parameter passing; scope and lifetime of variables; input and output; documentation. Prerequisite or corequisite: MATH 120 or 151 or equivalent. 2 lecture hours, 2 lab hours; 3 credits.

Programming language used: C++.

See website for dates that correspond to the following 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

Textbooks:

Grade:
- Midterms 1, 2, and 3 (see website for dates) – lowest grade 10% and other grades 20% each
- Final – 30%
- Labs – 20% – achieved by earning 120 points (out of 144)

Computer log-in info:
- Username: first two letters of last name followed by first two letters of first name followed by last four digits of CUNYfirst ID
- Password: eight digits of CUNYfirst ID

Academic dishonesty will be dealt with in accord with CUNY’s Academic Integrity Policy. Department policy is to give a grade of F to any student who helps or receives help from any other student during a midterm or final.

Students with disabilities must register with the Special Services Office (Frese Hall, Room 111, 718-997-5870). Accommodations will be provided, based on their instructions.