CSCI 111 – Introduction to Algorithmic Problem-Solving
Mon / Wed, 5 – 5:50 p.m., NSB C205
Professor Sara H. Geizhals
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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

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.