

CSC101 **Spring 2013**
Introduction to Computer Science

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Text: Invitation to Computer Science by G. Michael Schneider and Judith L. Gersting

Web Page: <http://menehune.opt.wfu.edu/csc101>

Objectives: Students will learn fundamental concepts of logical problem solving and algorithm development. They will gain knowledge of the topic areas studied within the field of computer science including:

- example algorithms and pseudocode representation of algorithms,
- algorithm correctness and top-down design,
- data representation,
- HTML (web pages),
- computer system organization,
- hardware components such as logic gates and adders
- instruction sets and assembly language,
- introductory programming (in a high level language),
- digital audio,
- digital imaging, and
- fundamental limits of computation (descriptive overview),

Expectations:

1. Class participation.
2. Communicate in class if things get complicated, or there is something you don't understand.
3. Cite your sources.
4. Your best effort.

Grading:

Four exams (70%), weekly lab exercises (30%). Approximate exam dates are: Wednesday, Feb. 6, Monday, Mar. 4, Friday, Apr. 12, and (final exam) Tuesday, May 7 (per final exam schedule).

Disability Notice:

If you have a disability that may require an accommodation for taking this course, then please contact the Learning Assistance Center (758-5929) within the first two weeks of the semester.

Pandemic Planning Notice:

The University has requested that faculty collect personal contact information as part of emergency planning and preparation. The information you provide is strictly confidential.