Introduction to Computer Science

Professor: Torgersen  
E-mail: torgerse@wfu.edu  
Office Phone: 758-5536

Office Hours: Manchester 226: Monday, Wednesday, Friday 3:30 to 4:30, and by appointment.

Graduate Assistant: Shuowen Wei  
E-mail: weis11@wfu.edu

Graduate Assistant Hours: Manchester 242: Monday, Wednesday, Friday 11:00 am to 12:00 noon.

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.