Course Information

CSE 2031
Fall 2012

Instructor

- Vassilios Tzerpos
- Office: LAS 3024
- Email: bil@cse.yorku.ca
- Office hours:
  - Monday, 13:30-14:30
- Course web site: www.cse.yorku.ca/course/2031

Textbooks

- **The C Programming Language** (2nd edition)
  B. W. Kernighan and D. M. Ritchie
  Prentice Hall Software Series

- **Practical Programming in the UNIX Environment**
  Edited by W. Sturzlinger
  Pearson Custom Publishing

Course Content

- C programming language
  - How to write, test and debug C programs
- UNIX operating system
  - Using UNIX tools to automate compilation, program execution, testing and file manipulations
  - UNIX shell programming

- Why C and UNIX? Widely used, powerful, fast

Course Objectives

By the end of the course, you should be able to:

- Write applications (though small) in C
- Read and understand C code
  - Just as important as writing code
- Test and debug your code
- Use UNIX to automate the compilation process
- Write programs using UNIX shell scripts

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Grading Scheme

- 20% – Two assignments, 10% each
- 30% – Two lab tests, 15% each
- 20% – Midterm test (written in class)
- 30% – Final exam (written)

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Weekly Labs

- A problem set is posted by Tuesday afternoon for you to prepare.
- In the following Friday (Monday) lab session, you will complete and submit the programs under the “labtest” mode.
- No books or notes are allowed.
- Submitted programs will not be graded. However, they will be made available to you during the lab tests 1 and 2.
- All submitted labs are individual work. We use MOSS (Measure Of Software Similarity) to detect software plagiarism.
- The TA may give a short tutorial at the beginning of the lab before the "labtest" mode starts.

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Assignments

- **Large** programming problems.
- Students have 20 days to complete and submit an assignment.
- Results and marks will be sent to students via email (*cse* accounts).
- All assignments are individual work.

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Tests and Exam

- Lab tests (2)
  - Small to medium-size programming problems
  - Questions are **not** given in advance.
  - Weekly labs will be made available during the tests.
  - Results and marks will be sent to students via email.
- Midterm test (written)
- Final exam (written)

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Useful Suggestions

- When sending emails to the instructor, please indicate "CSE 2031" in the subject line (e.g., "CSE 2031 - Lecture notes unreadable").
- For questions related to course materials, it is best to come to the office hours. Email is not a good way to explain the materials.
- Attend the lectures! The lecture notes give only outlines of the lectures. Details and additional information will be given in class.
- Read the lecture notes and the textbook before and again right after each lecture.
- Programming, programming, programming.

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Your First Homework

- Read all the pages and links on the course web site.
  http://www.cs.yorku.ca/course/2031
- Prepare for the first lab on Friday (Monday)
- Check the "News" link for announcements throughout the term.

Any questions?

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