CS2ME3: Software Design I
Winter 2004

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Lectures: T,W,F 12:30–13:20 in TSH/B105

Web Page: `http://www.cas.mcmaster.ca/~soltys/cs2me3-w04`

Text Book: There is no required textbook. Check the course web site for suggested references.

Course Description: A mathematical approach to program development using the **C** programming language in a **UNIX** environment. Here "mathematical" implies rigor in our approach to the specification, design and implementation of modules (small and well understood software unites).

Prerequisites: `CS2MD3` (Advanced Data Structures and Algorithms)
`CS2MJ3` (Discrete Structures)

Marking Scheme: Three assignments, worth 10% each, a midterm worth 20%, and a final exam, worth 50%. No aids will be allowed for the midterm and the final exam. Missed work will be given a mark of zero, unless proper justification is provided. The instructor reserves the right to conduct a missed midterm orally.
You are required to learn C on UNIX on your own.

Academic Integrity: Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.
It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, located at
`http://www.mcmaster.ca/senate/academic/ac_integrity.htm`
The following illustrates only three forms of academic dishonesty: 1. Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.
2. Improper collaboration in group work. 3. Copying or using unauthorized aids in tests and examinations.