SE4I03: Theoretical Foundations of Computation
Fall 2003

Instructor:
Michael Soltys
Office: ITC-214
Ext: 27769
Email `<soltys@mcmaster.ca>`

TAs:
Tyler (Bo Xie)
Marc Bender

Lectures: TWF 9:30–10:20 in BSB/304

Web Page: `http://www.cas.mcmaster.ca/~soltys/se4i03-f03`

Text Book: "Introduction to Automata Theory, Languages, and Computation", By Hopcroft, Motwani, and Ullman, *Second Edition*

Course Outline: We are going to follow the book fairly closely. We will assume familiarity with Chapter 1 (Methods of Proofs), and we will start with Chapter 2. We will *not* cover Chapter 11 (Additional Classes of Problems). A detailed syllabus is posted on the course web page.

Marking Scheme: Three tests, worth 20% each, and a final exam, worth 40%. No aids will be allowed for the tests and the final exam. Missed tests will be given a mark of zero, unless proper justification is provided (which means a note from the Dean's Office). The instructor reserves the right to conduct missed tests orally.
A list of suggested exercises is going to be given. These exercises are an integral part of the course, and even though they will *not* be submitted for grading, they will be crucial for the understanding of the material and preparation for the tests.

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.