

CS2ME3/SE2AA4
Software Design Fundamentals
Winter 2011

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Office hours: Thursdays 12:30–14:30
- TA:** Wen Yu, Lucian Patcas and Hao Xu
- Lectures:** **CS:** Mo, Th 15:30-16:20 and Tu 16:30-17:20 in BSB/136
SE: Mo, Th 9:30-10:20 and Tu 10:30-11:20 in BSB/136
- Web Page:** <http://www.cas.mcmaster.ca/~soltys/cs2me3-w11>
- Text Book:** Michael Soltys, *An introduction to the analysis of algorithms*, 2009, Published by World Scientific.
- Course Description:** We shall take a mathematical approach to program correctness, and we are going to use **Python** for programming assignments. The goal of this course is to learn to argue, without the burden of excessive formalism, that an algorithm/program does what it is supposed to do.
- Marking Scheme:** 6 tests, worth 5% each, written every other Monday, 3 programming assignments worth 10% each, and a final exam, worth 40%. No aids will be allowed for the tests 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 will learn **Python** 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.
- Please Note:** The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.