

CS3C03 / SE4C03
Computer Networks & Security
Winter 2013

Instructor: Michael Soltys
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Office hours: We & Th 14:30–15:30

TAs: Jason Jaskolka and Yinghui Wang

Lectures: Mo, We, Th 13:30-14:20 in PC/155

Web Page: <http://www.cas.mcmaster.ca/~soltys/cs3c03-w13>

Recommended *Computer Networking: A top-down approach* (6th edition)

Text Books: 2013, Published by Pearson

Network Security: Private Communication in a Public World (2nd Edition)
2002, Published by Prentice Hall

Course Description: Physical networks, TCP/IP protocols, switching methods, network layering and components, network services. Information security, computer and network security threats, defense mechanisms, encryption. A mixture of theory and programming assignments in **Python**.

Marking Scheme: As follows:

- 2 midterms, worth 15% each
- 2 programming assignments, worth 10% each,
- 2 labs, worth 5% each
- final exam, worth 40%

No aids will be allowed for the midterms 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.